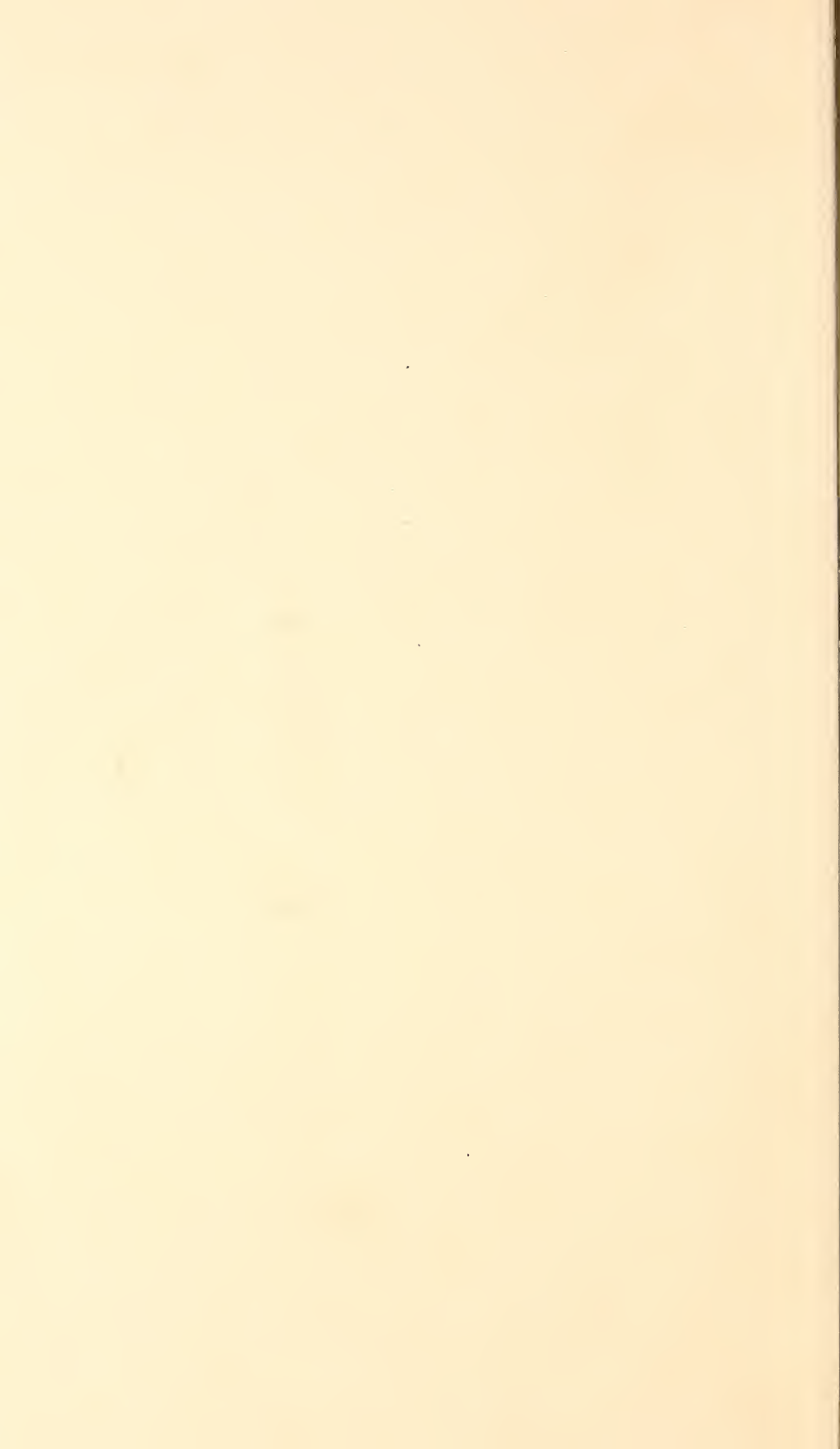


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United States Department of Agriculture

BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE

SERVICE AND REGULATORY ANNOUNCEMENTS

LIST OF INTERCEPTED PLANT PESTS, 1942

List of Pests Recorded During the Period July 1, 1941, to June 30, 1942, Inclusive, as Intercepted in, on, or with Plants and Plant Products Entering United States Territory.)

INTRODUCTION

This report covers the twenty-ninth year for which lists of pest interceptions have been issued. The records summarized include pests intercepted in, on, or with plants and plant products (1) imported, (2) offered for but refused entry, (3) held as ships' stores, etc., and hence not imported through customs, (4) offered for entry for immediate export or for immediate transportation and exportation in bond, and (5) in domestic shipments between Hawaii and Puerto Rico and the mainland.

Determinations of collections made near the close of the preceding year are included with data for the current year. In addition to routine reports and determinations by the personnel of this Bureau, considerable information is supplied by State and customs officials. Staffs of specialists maintained by the States of California and Florida and the Territory of Hawaii determine most of the interceptions made there, and specialists of the Bureau of Plant Industry determine a large part of the more difficult plant-disease material.

The scientific names of insects are checked by specialists in this Bureau and those of hosts and fungi by specialists in the Bureau of Plant Industry to make sure they conform to the appropriate international rules of nomenclature.

The alleged origin of plant materials cannot be verified in all cases. Obviously doubtful items are either omitted or the origin is listed as unknown.

NOTES ON INSECTS INTERCEPTED

FRUITFLIES

Anastrepha fraterculus was intercepted at Baltimore, Boston, and New Orleans in grapefruit and orange in quarters and stores from Argentina and Brazil. The Mexican fruitfly (*A. ludens*) was intercepted 3 times in oranges in baggage and quarters at Brownsville, Mobile, and New Orleans and 185 times in 12 different hosts in baggage, quarters, and stores from Mexico. The West Indian fruitfly (*A. mombinpraeoptans*) was taken 17 times in 3 hosts in baggage, mail, quarters, and stores from 7 different countries. *A. serpentina* was intercepted 8 times in 5 hosts in baggage, quarters, and stores from Brazil, Colombia, and Mexico. *A. striata* (one adult) was taken at Hoboken with wild *Cattleya* sp. in cargo from Venezuela. *A. suspensa* was intercepted at New York in guava in baggage and mail from Puerto Rico. The Mediterranean fruitfly (*Ceratitidis capitata*) was taken 11 times in 6 different hosts in baggage and quarters from Hawaii and Portugal. The melon fly (*Dacus cucurbitae*) was intercepted at San Francisco and San Pedro in 3 hosts in stores from Hawaii. The currant fruitfly (*Epochra canadensis*) was taken twice at El Paso in wild currant in baggage from Mexico. The apple maggot (*Rhagoletis pomonella*) was taken 4 times in apples in baggage at Laredo from Mexico. The papaya fruitfly (*Toxotrypana curvicauda*) was intercepted at New Orleans in papaya in stores from Honduras.

INSECTS OTHER THAN FRUITFLIES

In addition to the usual insects of major importance, such as the citrus blackfly (*Aleurocanthus woglumi*), the turnip gall weevil (*Ceutorhynchus pleurostigma*), the Asiatic rice borer (*Chilo simplex*), the rhododendron whitefly (*Dialeurodes chittendeni*), the West Indian sweetpotato weevil (*Euscepes postfasciatus*), the East

Indian bean pod borer (*Maruca testulalis*), and the pink bollworm (*Pectinophora gossypiella*), listed in the detailed table are many insects which were intercepted for the first time, or for the first time on the host indicated, or for the first time from the country indicated, or are of special interest for some other reason. References to "first record" in these notes refer to our interception records only. The insects fall in different groups, cover a wide host range, and come from many parts of the world, e. g., *Aonidiella pinicola* (Coccidae) first record and not previously in the National Museum Collection, *A. eremocitri* (Coccidae) first record, *Bruchus dentipes* (Bruchidae) first record in broadbean, *Capaneus odiosus* (Coreidae) first record from Venezuela, *Chirothrips aculeatus* (Thripidae) first record, *Dialeurodes kirkaldyi* (Aleyrodidae) first record on *Tabernaemontana* sp., *Elaphrothrips dampfi* (Phlaeothripidae) first record, *Fulvius brevicornis* (Miridae) first record, *Helipus trifasciatus* (Curculionidae) (formerly listed as *H. perseae*) first record from Costa Rica, *Lamprosema schistisemalis* (Pyraustidae) first record, *Metamasius callizona* (Curculionidae) first record on pineapple, *Microcerotermes exiguus* (Termitidae) first record in wood and also first record from Nicaragua, the carrot rust fly (*Psila rosae*) first record from Iceland, *Urbanus proteus* (Hesperiidae) first record in string bean and also first record from Mexico, and *Urodus parvula* (Hyponomeutidae) first record.

NOTES ON PLANT DISEASES INTERCEPTED

Among the more important plant-disease interceptions were 6 of citrus canker (*Bacterium citri*), 5 of a somewhat similar bacterial canker of citrus in South America which is called Cancrosis-B, 2 of Dutch elm disease (*Ceratostomella* (*Graphium*) *ulmi*), 159 of banana leaf spot (*Cercospora musae*), 12 of the bulb and stem eelworm (*Ditylenchus dipsaci*), 16 of sweet orange scab (*Elsinoe australis*), 363 of lima bean scab (*Elsinoe phaseoli*), 9 of citrus black spot (*Phoma citricarpa*), and 3 of a broomcorn smut (*Sphacelotheca sorghicola*).

COMMON PESTS INTERCEPTED

Many of the pests intercepted are of species already well established here. Some of these may include potentially destructive strains not yet introduced, but it is not practicable to determine that point. Pests not yet established here but intercepted in large numbers on one or two hosts are in some cases listed here instead of in the detailed table. While many thousands of interceptions of common pests are not recorded, the data that follow are sufficient to show their general nature. The numbers following the scientific names of the pests indicate the number of countries of origin from which the pest was intercepted and the number of interceptions recorded.

INSECTS

Common insects intercepted 10 or more times, and recorded, included *Acanthoscelides obtectus* (11-32), *Ahasverus advena* (11-23), *Anthonomus eugenii* (2-4,930), *Aonidiella aurantii* (15-49), *Aphis gossypii* (6-38), *Araecerus fasciculatus* (7-21), *Aspidiotus camelliae* (4-14), *A. cyanophylli* (10-48), *A. hederæ* (6-39), *A. lataniae* (17-187), *A. perniciosus* (3-17), *Brevicoryne brassicae* (12-24), *Carpocapsa pomonella* (8-200), *Cathartus quadricollis* (2-14), *Cerataphis lataniae* (14-122), *Chtonaspis citri* (8-14), *Chrysomphalus aonidium* (18-69), *C. dictyospermi* (10-122), *Coccus hesperidum* (13-100), *Diaspis boisduvalii* (20-582), *D. bromeliae* (4-22), *Ephesthia cautella* (6-19), *Etiella zinckenella* (2-20), *Gnorimoschema operculella* (22-283), *Heliothis armigera* (8-7,987), *H. virescens* (3-222), *Hippodamia convergens* (1-35), *Howardia biclavata* (5-16), *Ischnaspis longirostris* (6-13), *Laphygma frugiperda* (4-333), *Lasioderma serricornis* (10-45), *Lepidosaphes beckii* (34-150), *L. gloverii* (5-10), *Myzus persicae* (10-46), *Necrobia rufipes* (4-20), *Oryzaephilus surinamensis* (2-11), *Parlatoria pergandii* (8-15), *P. proteus* (10-69), *Pinnaspis minor* (7-99), *Plodia interpunctella* (4-31), *Pseudococcus adonidium* (11-23), *P. brevipes* (8-15), *P. citri* (11-26), *P. maritimus* (8-16), *Rhizoglyphus hyacinthi* (9-39), *Saissetia hemisphaerica* (16-175), *S. nigra* (4-25), *S. oleae* (11-16), *Selenaspis articulatus* (16-49), *Sitophilus oryza* (7-26), *Sitotroga cerealella* (5-11), *Stegobium paniceum* (8-15), *Tenebroides mauritanicus* (2-10), *Thrips tabaci* (10-38), *Tribolium castaneum* (9-16), *Typhaea stercorea* (10-53).

In addition to the listed species of common insects, there were 5,560 interceptions belonging to 695 different species which were not deemed to be of sufficient importance from the plant-quarantine viewpoint to warrant listing them by species. Total of common insects intercepted, 21,966.

DISEASES

Common plant diseases intercepted 10 or more times, and recorded, included *Actinomyces scabies* (21-247), *Albugo candida* (3-36), *Alternaria brassicae* (8-12), *A. solani* (3-103), *A. tomato* (1-1,157), *Aphelenchoides parietinus* (6-10), *Aplanobacter michiganense* (1-101), *Aspergillus niger* (22-345), *Bacillus carotovorus* (12-59), *Bacterium phaseoli* (1-56), *B. vesicatorium* (7-1,588), *Botrytis cinerea* (17-39), *B. tulipae* (2-23), *Capnodium citri* (8-15), *Cephalothecium roseum* (8-45), *Ceratostomella adiposum* (1-13), *C. fimbriata* (6-15), *C. paradoxa* (16-198), *Cercospora beticola* (1-16), *C. capsici* (2-102), *C. rosicola* (3-89), *Cladosporium fulvum* (2-154), *Colletotrichum circinans* (4-359), *C. lindemuthianum* (8-67), *C. nigrum* (4-12), *C. orchidearum* (11-30), *C. phomoides* (1-26), *Corticium vagum* (16-622), *Cylindrosporium chrysanthemi* (1-22), *Diaporthe citri* (19-124), *D. phaseolorum* (3-99), *Diplocarpon rosae* (3-23), *Diplodia natalensis* (19-53), *D. tubericola* (12-24), *Elsinoe fawcettii* (16-141), *E. phaseoli* (2-363), *Erysiphe graminis* (2-13), *E. polygoni* (1-40), *Gloeosporium limeticolum* (25-273), *G. musarum* (7-18), *Glomerella cingulata* (19-541), *Helminthosporium allii* (6-2,247), *Heterodera marioni* (13-22), *Melanconium sacchari* (3-24), *Mycosphaerella brassicicola* (7-12), *M. citrullina* (5-20), *Oospora citri-aurantii* (2-14), *O. lactis parasitica* (9-205), *O. pustulans* (2-11), *Penicillium digitatum* (9-87), *P. expansum* (2-20), *P. italicum* (11-15), *Phoma destructiva* (4-566), *Phomopsis vexans* (9-217), *Phytophthora infestans* (7-32), *P. phaseoli* (1-10), *Puccinia allii* (5-17), *P. chrysanthemi* (1-28), *P. graminis* (15-45), *P. rubigo-vera* (8-23), *Pucciniopsis caricae* (1-35), *Pythium debaryanum* (1-34), *Rhizopus nigricans* (20-663), *Sclerotinia sclerotiorum* (12-38), *Sclerotium oryzae* (8-15), *S. rolfsii* (7-20), *Septoria apii* (9-14), *Sphaceloma perseae* (6-267), *Sphacelotheca sorghi* (1-10), *Sphaerotheca pannosa* (3-10), *Spondylocladium atrovirens* (10-19), *Spongospora subterranea* (4-11), *Uromyces phaseoli typica* (1-24), *Ustilago zeae* (2-26), *Venturia inaequalis* (16-61), *Verticillium cinnabarina* (10-47).

In addition there were recorded 244 interceptions of 74 other species of common pathogens, making a total of 12,428 recorded interceptions of common diseases.

INCOMPLETELY DETERMINED PESTS

Each year interceptions include some pests which appear to be new to science and hence undescribed. Others are not determinable because available descriptions are inadequate and authentic material is lacking. In many cases the intercepted material is inadequate or not in a stage to permit determination.

INSECTS

Among the incompletely determined insects intercepted during the year were the following fruitflies: *Anastrepha* sp., probably *fraterculus*, intercepted at Baltimore, Brownsville, New Orleans, New York, and Philadelphia in peach, grapefruit, and orange from Argentina, Brazil, Mexico, and Trinidad; *Anastrepha* sp. at Jacksonville, Laredo, Miami, and New Orleans in cherimoya, guava, mango, orange, plum, and quince from Brazil, Colombia, Honduras, Jamaica, and Mexico; *Ceratitis* sp., likely *capitata*, at Seattle in coffee berry from Hawaii; *Ceratitis* sp. at Boston in orange from the Union of South Africa; *Dacus* sp. at Baltimore in orange from Mozambique; *Epochra* sp., probably *canadensis*, at El Paso in currant from Mexico; *Rhagoletis* sp., probably *pomonella*, at Brownsville and Laredo in apple, *Crataegus* sp., mango and plum from Mexico; and *Rhagoletis* sp., probably *suavis* (Loew), at Nogales in black walnut from Mexico.

In addition to the incompletely identified fruitflies the following miscellaneous insects of special interest were intercepted: *Acrolophus* sp., near *pallidus* (Mosch.) (Acrolophidae), at Hoboken with orchids from Colombia and Costa Rica; *Agromyza* sp., near *setosa* Loew (Agromyzidae), at Nogales in purslane from Mexico; *Amblycerus* sp. (Bruchidae) at Chicago and New York in seeds of *Dipteryx* sp. and *Prosopis chilensis* from Brazil and Dominican Republic; *Amphicerus* sp., probably *hamatus* (F.) (Bostriichidae), at New York in elder from Mexico; *Chirothrips* sp., near *sulcatus* Johns. (Thripidae), at Baltimore and the Inspection House in Washington, D. C., with grass seeds from the Union of South Africa; *Asterolecanium* sp., close to *puteonium* Russell (Coccidae), at San Francisco on *Ilex* sp. (?) from Guatemala; *Ceuthorrhynchidius* sp., near *wickhami* Champ. (Curculionidae), at Laredo on an herb from Mexico; *Cnemidophorus* sp. (Scolytidae) at New York under the bark of a mahogany hybrid log from Costa Rica; *Conotrachelus* sp., probably *nunuphar* (Hbst.) (Curculionidae), at Brownsville, El Paso, and Laredo in apple

and peach from Mexico; *Desiantha* sp., near *maculata* Blackburn (Curculionidae), at Seattle with dahlia tubers from Australia; *Epitrix* sp., near *hirtipennis* (Melsh.) (Chrysomelidae), at Laredo and Nogales with lettuce and tomato from Mexico; *Heilipus* sp., probably *lauri* Boh. (Curculionidae), at Brownsville in an avocado seed from Guatemala; *Laspeyresia* sp., probably *nigricana* (Stph.) (Olethreutidae), at New York in fresh peas from Portugal; *Lygus* sp., close to *plagiatus* Uhl. (Miridae), at Eagle Pass with lettuce from Mexico; *Magdalis* sp., probably *armigera* Geoff. (Curculionidae), at New York on elm crates from England; *Marmara* sp. (Gracilariidae) at El Paso and Nogales in avocado and pepper from Mexico; *Metamasius* sp., probably *ritchiei* (Marsh.) (Curculionidae), at Hidalgo in pineapple from Mexico; *Palmaricoccus* sp., very close to *attaleae* Stickney (Coccidae), at New York on *Attalea* sp. from Venezuela; *Pityophthorus* sp., near *confertus* Sw. (Scolytidae), at New York in wooden canes used as packing from Mexico; *Platypus* sp., near *apertus* Chapuis (Platypodidae), at New York in *lignumvitae* log from Guatemala.

In addition to the incompletely determined insects listed above there were 5,498 interceptions which could be identified to genus only. These were distributed among 691 different genera. A total of 208 could be determined to family and subfamily only.

Total of incompletely determined insects intercepted, 5,833.

DISEASES

Among the incompletely determined diseases intercepted during the year were 5 of a serious disease similar to citrus canker and known as "Cancerosis-B", all on lemons from Argentina in stores. Nematodes intercepted included *Acrobelooides* sp. and *Aphelenchoides* sp., both new species apparently, in narcissus bulbs from Canada. Other undetermined pathogens included *Colletotrichum* spp. on *Paspalum dilatatum* seed from India and flower seed from Mexico, *Helminthosporium* sp. on tomato from Mexico, *Phytophthora* sp. on *Cattleya* sp. from Venezuela, undetermined rusts on grasses from Canada, Dutch East Indies, and Mexico and on *Heteropogon contortus* from Straits Settlements, *Sclerotinia* sp. on carrot from the Union of South Africa and tomato and husk tomato from Mexico, *Sphaeronema* sp. on *Sechium edule* from Brazil, and undetermined virus diseases on vegetables from Cuba and Mexico. A total of 6,343 incompletely determined pathogens were recorded during the year.

ENTOMOGENOUS FUNGI

Entomogenous fungi noted during the course of inspection are sometimes recorded. Records for this year include *Aschersonia* sp. on undetermined scale insect on *Syzgium malaccense* leaf from Trinidad and on camellia leaf from Mexico; *Cephalosporium lecanii* Zimm. on *Coccus viridis* on Cape-jasmine from Cuba and Venezuela, on *C. acuminatus* on Cape-jasmine from Cuba, and on *Pulvinaria pyriformis* on Cape-jasmine from Venezuela; *Microcera* sp. on coccid on lime and orange leaves from Mexico; *Myriangium duriae* on *Lepidosaphes beckii* on orange from Cuba; *Nectria diploa* Berk. & Curt. on *Lepidosaphes beckii* on oranges from Bahamas, Brazil, Cuba, Dominican Republic, Jamaica, and Trinidad and on grapefruit from Cuba and Puerto Rico; *Periconia pycnospora* Fres. on a lepidopterous larva on an orchid leaf from Mexico; *Pestalozzia* sp. on a lepidopterous larva on an orchid leaf from Mexico; *Podonectria coccicola* (Ell. & Ev.) Petch on *Lepidosaphes beckii* on oranges from Puerto Rico and Caribbean region and on unknown host on Cape-jasmine from Mexico; and *Torrubiella* sp. on an insect on a gardenia leaf from Mexico.

Geographic summary of interceptions listed in main table and interception totals

Country	Insects	Diseases	Country	Insects	Diseases
Africa:	<i>Number</i>	<i>Number</i>	North America—Continued	<i>Number</i>	<i>Number</i>
Algeria.....	3	0	Mexico.....	9,380	147
Belgian Congo.....	1	0	West Indies.....	1	0
Gold Coast.....	2	0	American Virgin Islands.....	2	1
Morocco (French).....	1	0	Antigua.....	2	0
Rhodesia.....	0	2	Bahamas.....	8	0
Tanganyika.....	0	1	Barbados.....	2	0
Transvaal.....	0	1	British West Indies.....	1	0
Union of South Africa.....	14	17	Cuba.....	195	41
Asia:			Dominica.....	1	0
China.....	7	1	Dominican Republic.....	14	4
Cyprus.....	4	0	Dutch West Indies.....	10	0
French Indo-China.....	1	0	Guadeloupe.....	1	0
India.....	22	2	Haiti.....	2	34
Iran.....	4	1	Jamaica.....	7	4
Japan.....	16	2	Martinique.....	2	0
Malaya (British).....	11	0	Nevis.....	1	0
Palestine.....	4	0	Puerto Rico.....	27	3
Straits Settlements.....	3	3	St. Lucia.....	5	0
Thailand.....	5	1	St. Vincent.....	1	0
Australasia:			Trinidad.....	48	1
Australia.....	4	14	Virgin Islands.....	2	0
Ceylon.....	0	1	South America:		
Dutch East Indies.....	8	0	Argentina.....	18	12
Hawaii.....	86	1	Brazil.....	65	17
Java.....	5	2	British Guiana.....	4	0
New Zealand.....	0	1	Chile.....	2	9
Philippines.....	37	2	Colombia.....	76	6
Sumatra.....	4	0	Dutch Guiana.....	5	0
Tabiti.....	1	0	Ecuador.....	2	1
Europe:			Peru.....	31	5
England.....	112	47	Uruguay.....	0	1
Hungary.....	0	1	Venezuela.....	88	4
Ireland.....	1	3	Total:		
Portugal.....	8	7	Africa.....	21	21
Scotland.....	4	0	Asia.....	77	10
Spain.....	2	3	Australasia.....	145	21
Union of Soviet Socialist Republics.....	1	0	Europe.....	128	61
North America:			North America.....	9,896	329
Bermuda.....	5	2	South America.....	291	55
Canada.....	12	6	Unknown.....	2	1
British Columbia.....	3	0			
Newfoundland.....	2	0	Total.....	10,560	498
Nova Scotia.....	6	0			
Central America:			Total (common pests, p. 2).....	21,966	12,428
British Honduras.....	2	0	Total (incompletely determined pests, p. 3).....	5,833	6,343
Canal Zone.....	35	1	Entomogenous fungi.....		27
Costa Rica.....	38	22	Total insects.....	38,359	
Guatemala.....	50	31	Total diseases.....		19,296
Honduras.....	11	28	Grand total.....		57,655
Nicaragua.....	2	0			
Panama.....	13	3			
Salvador.....	3	1			
Iceland.....	2	0			

NOTE.—In addition to the countries named above, interceptions including common pests (p. 2) and incompletely determined pests (p. 3) were made from American Samoa, Angola, Aruba, Azores, Batavia, Bolivia, Canary Islands, Canton Island, Curacao, East Africa, Fanning Island, Fiji Islands, France, Gibraltar, Greece, Grenada, Guam, Kenya, Liberia, Madeira Islands, Midway, Montserrat, Mozambique, Netherlands, New Brunswick, New Caledonia, Nigeria, Palmyra Island, Paraguay, Sierra Leone, Solomon Islands, Sweden, Switzerland, Tasmania, Turkey, Turks Island, Uganda, Wales, and West Africa.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive

[All findings marked with an asterisk indicate State inspection]

Insect and host	Country of origin	Number of inter-ceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Acalypta mera</i> Drake (Tingitidae):					
<i>Saxifraga camposi</i> (campos saxifrage)	Canada			1	Calif.*
<i>Semprevivum</i> sp.	do			1	Wash.
<i>Acanthoderes circumflexa</i> Duv. (Ceramby- cidae):					
<i>Tabebuia donnell-smithii</i> (primavera)	Canal Zone	1			N. Y.
<i>Acanthoscelides alticola</i> (Sharp) (Bruchi- dae):					
<i>Cassia occidentalis</i> (coffee senna)	do	1			N. Y.
<i>Acanthoscelides ceratioborus</i> (Philippi) (Bruchidae):					
<i>Ceratonia siliqua</i> (carob)	Peru	3			Ill., La.
<i>Prosopis</i> sp. (mesquite)	Dutch East Indies, Peru	2			La.
<i>Acanthoscelides dominicanus</i> (Jekel) (Bru- chidae):					
<i>Acacia farnesiana</i> (sweet acacia)	Mexico	2			Tex.
<i>Caesalpinia coriaria</i> (divi-divi)	Colombia, Dominican Republic, Dutch East Indies, Dutch West Indies, Jamaica, Mex- ico, Salvador, Vene- zuela.	47		4	Fla.*, La., N. J., N. Y., Tex.
<i>Caesalpinia</i> sp.	Mexico	1			N. Y.
<i>Acanthoscelides ftericaulis</i> (Schffr.) (Bru- chidae):					
<i>Pithecellobium ftericaule</i> (ebony)	do	7	4	1	Tex.
<i>Acanthoscelides julianus</i> (Horn) (Bruchi- dae):					
<i>Pithecellobium</i> sp.	do			1	Tex.
<i>Acanthoscelides limbatus</i> (Horn) (Bruchi- dae):					
<i>Pithecellobium dulce</i> (guamachil apes- earring).	Hawaii			1	Calif.*
<i>Acanthoscelides pruininus</i> (Horn) (Bruchi- dae):					
<i>Bougainvillea</i> sp.	do	1			Calif.*
<i>Acanthoscelides sellaei</i> (Sharp) (Bruchidae):					
<i>Acacia farnesiana</i> (huisache)	Mexico		1		Tex.
<i>Aceratagallia nana</i> Oman (Cicadellidae):					
<i>Chrysanthemum</i> sp.	do		1		Ariz.
<i>Aceratagallia pallida</i> Oman (Cicadellidae):					
<i>Capsicum annuum</i> (pepper)	do	1			Ariz.
<i>Aceratagallia robusta</i> Oman (Cicadellidae):					
<i>Beta vulgaris</i> (beet)	do	1			Tex.
<i>Acmaeodera gibbula delumbis</i> Horn (Bu- prestidae):					
<i>Prosopis</i> sp. (mesquite)	do	1			Ariz.
<i>Acroclucis vicinalis</i> Dist. (Lygaeidae):					
<i>Ananas comosus</i> (pineapple)	do	1			Tex.
<i>Acrolophus feridus</i> Busck (Acrolophidae):					
<i>Cattleya</i> sp. (orchid)	Colombia			1	N. J.
<i>Acrosternum stitica</i> (Dall.) (Pentatomi- dae):					
<i>Gardenia jasminoides</i> (Cape-jasmine)	Mexico	1			Tex.
<i>Adranethrips tibialis</i> (Hood) (Phlaeothri- pidae):					
<i>Musa paradisiaca sapientum</i> (banana)	Cuba	1			Fla.*
<i>Aeolus pulchellus</i> Cand. (Elateridae):					
<i>Stanhopea</i> sp. (orchid)	Mexico			1	Tex.
<i>Aganactesis indecora</i> Dyar (Galleriidae):					
<i>Cassia fistula</i> (goldenshower senna)	St. Lucia	5			N. Y. La.
<i>Poinciana</i> sp.	Trinidad		1		
<i>Agromyza virens</i> (Loew) (Agromyzidae):					
<i>Daucus carota sativa</i> (carrot)	Mexico	2			Tex.
<i>Agrotis vetusta</i> (Wlk.) (Phalaenidae):					
<i>Zea mays</i> (corn)	do	1			Ariz.
<i>Aleurocanthus woglumi</i> Ashby (Aleyrodi- dae):					
<i>Citrus</i> sp.	Cuba		1		Fla.*
<i>Aleuroplatus coccolus</i> Q. & B. (Aleyrodi- dae):					
<i>Aechmea angusta</i>	Guatemala			1	Calif.*
<i>Aleuroplatus myricae</i> Q. & B. (Aleyrodi- dae):					
<i>Epigaea repens</i> (trailing arbutus)	Nova Scotia	2			Mass.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive—
Continued

Insect and host	Country of origin	Number of inter- ceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Aleurotrachelus camelliae</i> (Kuwana) (Aley- rodidae):					
<i>Camellia</i> sp.	Japan			1	Wash.
<i>Aleurotrachelus trachoides</i> (Back) (Aley- rodidae):					
Unidentified plant	Ecuador			1	N. J.
<i>Allocoris incognita</i> (McA. & M.) (Cydnid- ae):					
<i>Dianthus</i> sp. (carnation)	Mexico	1			Tex.
<i>Alpheias conspirata</i> Hein. (Galleriidae):					
<i>Ananas comosus</i> (pineapple)	do	38			Tex.
<i>Amblycerus piurae</i> (Pierce) (Bruchidae):					
<i>Ceratonia siliqua</i> (carob)	Peru	1			La.
<i>Amphicerus cornutus</i> (Pallas) (Bostri- chidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Ariz.
<i>Sambucus</i> sp. (elder)	do	4			N. Y.
Wood	do	2			N. Y., Pa.
<i>Amphorophora rhododendri</i> (Wils.) (Aphid- idae):					
<i>Rhododendron</i> sp.	British Columbia			1	Wash.
<i>Anacentrinus deplanatus</i> Csy. (Curculi- onidae):					
<i>Lactuca sativa</i> (lettuce)	Mexico	1			Tex.
<i>Anaphothrips orchidaceus</i> Bagn. (Thripid- ae):					
<i>Cattleya mendeli</i> (orchid)	Peru			1	Calif.*
<i>Miltonia pulchra</i> (orchid)	England			1	Calif.*
<i>Miltonia</i> sp.	do			1	Hawaii.*
<i>Odontoglossum</i> sp. (orchid)	do			1	Calif.*
Orchid	Colombia	1			Fla.*
<i>Anaphothrips orchidii</i> (Moult.) (Thripid- ae):					
<i>Cypripedium curtisi</i> (orchid)	Australia			1	Hawaii.*
<i>Anastrepha fraterculus</i> (Wied.) (Tephri- tidae):					
<i>Citrus paradisi</i> (grapefruit)	Argentina, Brazil		3		Md., Mass.
<i>Citrus sinensis</i> (orange)	Brazil		4		La., Md.
<i>Anastrepha ludens</i> (Loew) (Tephritidae):					
<i>Amygdalus persica</i> (peach)	Mexico	2			Tex.
do	do	9			Tex.
<i>Citrus aurantifolia</i> (lime)	do	2			Tex.
<i>Citrus aurantium</i> (sour orange)	do				Tex.
do	do	4			Tex.
<i>Citrus paradisi</i> (grapefruit)	Guatemala, Mexico, unknown origin.	108	9		Ala., Ariz., Calif., Fla., La., Md., N. Y., Pa., Tex.
<i>Citrus sinensis</i> (orange)					
<i>Cydonia oblonga</i> (quince)	Mexico	8			Tex.
<i>Malus sylvestris</i> (apple)	do	2			Tex.
<i>Mangifera indica</i> (mango)	do		4		Ariz., Tex.
<i>Persea americana</i> (avocado)	do	11			Tex.
<i>Punica granatum</i> (pomegranate)	do	3			Tex.
<i>Pyrus communis</i> (pear)	do	2			Tex.
Sapote	do	2			Tex.
<i>Anastrepha mombinpraeoptans</i> Sein (Teph- ritidae):					
<i>Citrus paradisi</i> (grapefruit)	St. Vincent		1		Mass.
<i>Mangifera indica</i> (mango)	Cuba, Dominican Re- public, Haiti, Jamaica, Puerto Rico, un- known origin.	12	4		Ala., Fla., La., N. Y., P. R.
<i>Psidium guajava</i> (guava)	Dominican Republic			1	P. R.
<i>Anastrepha serpentina</i> (Wied.) (Tephri- tidae):					
<i>Calocarpum sapota</i> (mamey sapote)	Mexico		1		S. C.
<i>Citrus paradisi</i> (grapefruit)	Brazil		2		La.
<i>Citrus sinensis</i> (orange)	do		1		Ala.
<i>Mammea americana</i> (mamey)	Mexico	3			Ariz., Tex.
Sapote	Colombia		1		La.
<i>Anastrepha striata</i> Schin. (Tephritidae):					
<i>Cattleya</i> sp. (orchid)	Venezuela			1	N. J.
<i>Anastrepha suspensa</i> (Loew) (Tephriti- dae):					
<i>Psidium guajava</i> (guava)	Puerto Rico	4			N. Y.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive—
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Insect and host	Country of origin	Number of inter- ceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Andricus championi</i> Ashmead (Cynipi- dae):					
<i>Quercus</i> sp. (oak)	Mexico	1			Tex.
<i>Andricus mexicanus</i> Kinsey (Cynipidae):					
<i>Quercus macrophylla</i>	Mexico	1			Ariz.
<i>Anuraphis apiifolia</i> Theob. (Aphididae):					
<i>Apium graveolens</i> (celery)	Union of South Africa		1		Md.
<i>Aonidia lauri</i> (Bouche) (Coccidae):					
<i>Laurus nobilis</i> (Grecian laurel)	Cyprus, Spain	1	2		N. Y.
<i>Aonidia pinicola</i> Leon. (Coccidae):					
<i>Pinus</i> sp. (pine)	Portugal	1			N. Y.
<i>Aonidiella eremocitri</i> McKenzie (Coccidae):					
<i>Coelogyne asperata</i> (orchid)	Thailand			1	Hawaii.*
<i>Aonidiella inornata</i> McKenzie (Coccidae):					
<i>Citrus paradisi</i> (pomelo)	Philippines		1		Hawaii.*
<i>Citrus reticulata</i> (tangerine)	do			1	Hawaii.*
<i>Cycas revoluta</i> (sago cycas)	Hawaii			1	Calif.*
<i>Jasminum sambac</i> (jasmine)	do			1	Calif.*
<i>Piper betle</i> (betel pepper)	do	1			Calif.*
<i>Argyrotoxa conwayana</i> (F.) (Tortrici- dae):					
<i>Fraxinus excelsior</i> (European ash)	England			1	N. J.
<i>Arvelius albopunctatus</i> (Deg.) (Pentato- midae):					
<i> Capsicum annuum</i> (pepper)	Mexico	9			Ariz., Tex.
<i>Aspidiotus destructor</i> Sign. (Coccidae):					
<i>Annona squamosa</i> (sugarapple)	Cuba	1			Fla.*
<i>Cocos nucifera</i> (coconut)	Dominican Republic	1			Md.
<i>Musa paradisiaca sapientum</i> (banana)	Cuba, Guatemala, Pan- ama.	8			Fla.*, Wash.
Palm	Cuba	1			Fla.*
<i>Persea americana</i> (avocado)	do	1			N. Y.
<i>Roystonea regia</i> (Cuban royal palm)	do			1	Fla.*
<i>Terminalia catappa</i> (West Indian al- mond)	do	1			Fla.*
<i>Aspidiotus diffinis</i> Newst. (Coccidae):					
<i>Oncidium pusillum</i> (orchid)	Canal Zone			1	Hawaii.*
<i>Aspidiotus herculeanus</i> Doane & Haddon (Coccidae):					
<i>Erythrina</i> sp.	do			1	N. J.
<i>Pelliciera rhizophorae</i>	Panama	1			Fla.*
<i>Spondias mombin</i> (yellow mombin)	Dominican Republic	1			N. Y.
<i>Spondias purpurea</i> (purple mombin)	Venezuela	1			N. Y.
<i>Aspidiotus spinosus</i> Comst. (Coccidae):					
<i>Ficus carica</i> (fig)	Mexico	1			Tex.
<i>Mammea americana</i> (mamey)	Cuba	1	1		Fla.*
<i>Persea americana</i> (avocado)	do	3			N. Y.
<i>Asterolecanium bambusae</i> (Bdv.) (Cocci- dae):					
Bamboo	Costa Rica, Cuba	1	1	1	Fla.*, N. J.
<i>Bambusa vulgaris</i> (bamboo)	Guatemala			1	D. C.
<i>Asterolecanium epidendri</i> (Bouche) (Coc- cidae):					
<i>Brassia gireoudiana</i> (orchid)	Costa Rica			4	Calif.*, N. J.
Bromeliaceae	do			1	Calif.*
<i>Cattleya dowiana</i> (orchid)	do			1	Calif.*
<i>Cattleya lueddemanniana</i>	Venezuela			2	Calif.*, P. R.
<i>Cattleya</i> sp.	Brazil, Colombia, Costa Rica, Venezuela.			10	Calif.*, N. J.
<i>Epidendrum ciliare</i> (orchid)	Costa Rica			1	N. J.
<i>Gongora armeniacae</i> (orchid)	do			1	Calif.*
<i>Laelia superbiens</i> (orchid)	Guatemala			1	Calif.*
<i>Odontoglossum grande</i> (orchid)	Salvador			1	Calif.*
<i>Asterolecanium miltaris</i> (Bdv.) (Cocci- dae):					
Bamboo	Cuba	1	1		Fla.*
<i>Asterolecanium miltaris longum</i> (Green) (Coccidae):					
Bamboo	Antigua	1			N. Y.
<i>Asterolecanium miltaris robustum</i> Green (Coccidae):					
Bamboo	Barbados	1			N. Y.
<i>Aylax salviae</i> (Giraud) (Cynipidae):					
<i>Salvia officinalis</i> (sage)	Cyprus	3			N. Y.

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<i>Biorhiza solita</i> Kinsey (Cynipidae): <i>Quercus macrophylla</i>	Mexico.....	1			Ariz.
<i>Bouhelia maroccana</i> Bal. (Coccidae): <i>Muscari comosum</i> (cipollino).....	Morocco (French).....	1			N. Y.
<i>Brentus anchorago</i> L. (Brentidae): Log.....	Mexico.....	3			Tex.
<i>Tabebuia donnell-smithii</i> (primavera).....	Guatemala.....	2			N. Y.
<i>Brentus mexicanus</i> Boh. (Brentidae): <i>Tabebuia donnell-smithii</i>	Guatemala, Mexico.....	3			N. Y., Tex.
<i>Bruchidius dorsalis</i> (Boh.) (Bruchidae): <i>Gleditsia japonica</i> (Japanese honey- locust).....	Japan.....			2	Wash.
<i>Bruchidius versicolor</i> (Boh.) (Bruchidae): <i>Podalyria sericea</i> (satinsleaf podalyria).....	Union of South Africa.....			1	Oreg.
<i>Bruchus dentipes</i> (Baudi) (Bruchidae): <i>Vicia faba</i> (broad bean).....	Iran.....			1	D. C.
<i>Bruchus dentipes ochraceosignatus</i> Heyden (Bruchidae): <i>Vicia faba</i>	do.....			1	D. C.
<i>Bruchus emarginatus</i> Allard (Bruchidae): <i>Pisum sativum</i> (pea).....	India, Iran.....	4		1	D. C., N. Y.
<i>Bruchus hamatus</i> Miller (Bruchidae): <i>Vicia tenuifolia</i>	U. S. S. R.....			1	D. C.
<i>Bucculatrix thurberiella</i> Busck (Lyon- etiidae): <i>Gossypium</i> sp. (cotton).....	Mexico.....	1			Tex.
<i>Callidum antennatum hesperum</i> Csy. (Cerambycidae): <i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Ariz.
<i>Callosobruchus chinensis</i> (L.) (Bruchidae): <i>Cajanus cajan</i> (pigeon pea).....	Philippines, Puerto Rico.....	1		1	Hawaii*, N. Y.
<i>Cicer arietinum</i> (chickpea).....	India.....	1	1		Ga., N. Y.
<i>Phaseolus aureus</i> (mung bean).....	Philippines.....		1		Ga.
<i>Callosobruchus maculatus</i> (F.) (Bruchi- dae): <i>Cicer arietinum</i> (chickpea).....	Mexico.....	2			Ariz.
<i>Phaseolus aureus</i> (mung bean).....	Philippines.....		2		Ga.
<i>Phaseolus mungo radiatus</i>	China.....	1			Wash.
<i>Portulaca oleracea</i> (purslane).....	Mexico.....	1			Ariz.
<i>Tetrapleura</i> sp.....	Algeria.....			1	D. C.
<i>Vigna sinensis</i> (cowpea).....	do.....			1	D. C.
<i>Zea mays</i> (corn).....	Mexico.....	1			Ariz.
<i>Callosobruchus subinnotatus</i> Pic. (Bruchi- dae): <i>Voandzeia subterranea</i> (congo goober).....	Algeria.....			1	D. C.
<i>Calydon submetallicum</i> Blanch. (Ceram- bycidae): Log.....	Chile.....	1			N. Y.
<i>Capanus odiosus</i> Stal (Coreidae): <i>Cattleya</i> sp. (orchid).....	Venezuela.....			1	P. R.
<i>Carneiocephala sagittifera</i> (Uhl.) (Cicadelli- dae): <i>Ananas comosus</i> (pineapple).....	Mexico.....	1			Tex.
<i>Caryedon fuscus</i> (Goeze) (Bruchidae): <i>Cassia fistula</i> (golden-shower).....	Dutch East Indies.....	2			Ga.
<i>Cassia nodosa</i> (jointwood senna).....	Hawaii.....			1	Calif.*
<i>Tamarindus indica</i> (tamarind).....	British Guiana, Nevis.....	4			Mass., Pa.
<i>Caryobruschus buscki</i> (Bridwell) (Bruchi- dae): <i>Scheelea zonensis</i>	Canal Zone.....			1	Calif.*
<i>Caulophilus latinasus</i> (Say) (Curculioni- dae): <i>Persea americana</i> (avocado).....	Mexico.....	5			Tex.
<i>Punica granatum</i> (pomegranate).....	do.....	1			Tex.
<i>Ceratitis capitata</i> (Wied.) (Tephritidae): <i>Coffea arabica</i> (Arabian coffee).....	Hawaii.....	3			Calif.*
<i>Coffea</i> sp.....	do.....	3			Calif.*
<i>Malus sylvestris</i> (apple).....	Portugal.....	1			N. Y.
<i>Mangifera indica</i> (mango).....	Hawaii.....	1	1		Calif.*
<i>Persea americana</i> (avocado).....	do.....	1			Calif.*
<i>Psidium guajava</i> (guava).....	do.....	1			Calif.*
<i>Ceratopsus cubanus</i> Bergr. (Miridae): <i>Brassica</i> sp. (mustard).....	Cuba.....	2			N. Y.

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<i>Ceroplastes rubens</i> Mask. (Coccidae):					
<i>Anthurium</i> sp.	Hawaii			1	Calif.*
<i>Litchi chinensis</i> (lychee)	China	1			Hawaii.*
<i>Ceutorhynchus pleurostigma</i> Marsh. (Cur- culionidae):					
<i>Brassica campestris</i> (rutabaga)	England		9		Ala., Md., Pa., Tex.
<i>Brassica rapa</i> (turnip)	England, Scotland		22		Md., N. Y., Pa., Va., Tex.
<i>Ceutorhynchus quadridens</i> Panz. (Cur- culionidae):					
<i>Brassica oleracea capitata</i> (cabbage)	England		3		Ala., Md.
<i>Chaetococcus bambusae</i> (Mask.) (Cocci- dae):					
Bamboo	Hawaii			1	Calif.*
<i>Chapuisia mexicana</i> Duges (Platypodi- dae):					
<i>Pinus</i> sp. (?)	Mexico	1			Ariz.
<i>Chilo simplex</i> (Butl.) (Crambidae):					
<i>Oryza sativa</i> (rice)	Japan	1	3		Calif.*, Hawaii.*
<i>Chionaspis diosmae</i> Brain (Coccidae):					
<i>Parosma betulina</i>	Union of South Africa	1			N. Y.
<i>Chionaspis yanonensis</i> (Kuw.) (Cocci- dae):					
<i>Citrus reticulata</i> (tangerine)	Japan	1			Hawaii.*
<i>Chirothrips aculeatus</i> Bagn. (Thripidae):					
<i>Zea mays</i> (corn)	Mexico	1			Calif.
<i>Chrysomphalus nulliporus</i> McKenzie (Coccidae):					
<i>Dendrobium lyonii</i> (orchid)	Philippines			1	Hawaii.*
<i>Chrysomphalus personatus</i> (Comst.) (Coc- cidae):					
<i>Citrus aurantifolia</i> (lime)	Mexico	1			Ariz.
<i>Cocos nucifera</i> (coconut)	Trinidad	1			N. Y.
<i>Laurus nobilis</i> (Grecian laurel)	Barbados	1			N. Y.
<i>Persea americana</i> (avocado)	Mexico	1			Tex.
<i>Rosa</i> sp.	do	1			Tex.
<i>Chrysomphalus umboniferus</i> (Newst.) (Coccidae):					
<i>Epidendrum stamfordianum</i> (orchid)	Costa Rica			1	Calif.*
<i>Laelia</i> spp. (orchid)	Venezuela			1	Calif.*
<i>Oncidium sphacelatum</i> (orchid)	Guatemala			1	Calif.*
<i>Cinara tujafilina</i> (DelGuer.) (Aphidae):					
<i>Thuja</i> sp.	Japan		1		Wash.
<i>Clerada apicicornis</i> Sign. (Lygaeidae):					
<i>Cattleya</i> sp. (orchid)	Colombia, Venezuela			8	N. J.
<i>Clytus arietis</i> L. (Cerambycidae):					
<i>Castanea</i> sp. (chestnut)	England			1	N. J.
<i>Ulmus</i> sp. (elm)	do	3			N. Y., Wash.
<i>Coccotrypes dactyliperda</i> (F.) (Scolytidae):					
<i>Astrocaryum</i> sp.	Portugal	1			N. Y.
<i>Coccus viridis</i> (Green) (Coccidae):					
<i>Citrus aurantifolia</i> (lime)	Cuba	1			Fla.*
<i>Gardenia jasminoides</i> (Cape-jasmine)	Bahamas, Canal Zone, Cuba, Hawaii, Pana- ma, Puerto Rico, Ven- ezuela.	15	7		Calif.*, Fla., N. Y.
<i>Psidium guajava</i> (guava)	Cuba		1		Fla.*
<i>Rosa</i> sp.	Dominican Republic	1			Fla.*
<i>Colias eurytheme</i> Bdv. (Pieridae):					
<i>Medicago sativa</i> (alfalfa)	Mexico	3			Tex.
<i>Colpocarena complanata</i> (Burm.) (Penta- tomidae):					
<i>Bougainvillea</i> sp.	Brazil			1	Calif.*
<i>Conchaspis angraci</i> (Ckll.) (Coccidae):					
<i>Cattleya</i> sp. (orchid)	Brazil			2	N. J.
<i>Oncidium ampliatum</i> (orchid)	Canal Zone			1	Calif.*
<i>Oncidium</i> sp.	Brazil			1	N. J.
<i>Conchylodes orulalis</i> (Gn.) (Pyraustidae):					
<i>Colocasia</i> sp. (elephantsear)	Mexico	1			Tex.
<i>Conoderus lividus</i> (Deg.) (Elateridae):					
<i>Lactuca sativa</i> (lettuce)	do	1			Tex.
<i>Conoderus laurenti</i> Guer. (Elateridae):					
<i>Brassica chinensis</i> (white greens)	Cuba	2			N. Y.

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<i>Conotrachelus aguacatae</i> Barber (Curculionidae): <i>Persea americana</i> (avocado)	Mexico	514			Tex.
<i>Conotrachelus integer</i> Csy. (Curculionidae): <i>Quercus</i> sp. (acorn)	do	1			Ariz.
Soil	do	1			Ariz.
<i>Conotrachelus naso</i> Lec. (Curculionidae): Orchid	Colombia			1	Calif.*
<i>Conotrachelus perseae</i> Barber (Curculionidae): <i>Persea americana</i> (avocado)	Mexico	1			Tex.
<i>Conotrachelus seniculus</i> Lec. (Curculionidae): Bean	Mexico	1			Tex.
<i>Beta vulgaris</i> (beet)	do	3			Ariz., Tex.
<i>Brassica oleracea capitata</i> (cabbage)	do	1			Ariz.
<i>Brassica</i> sp. (mustard)	do	1			Tex.
<i>Persea americana</i> (avocado)	do	1			Tex.
<i>Zea mays</i> (corn)	do	1			Ariz.
<i>Corcyra cephalonica</i> (Staint.) (Galleriidae): <i>Gossypium</i> sp. (cottonseed)	Brazil, Colombia	3			La., Wash.
<i>Oryza sativa</i> (rice)	Dutch Guiana	1			N. Y.
<i>Theobroma cacao</i> (cacao)	Ecuador	1			Wash.
<i>Cosmogramma angustofasciata</i> Jac. (Chrysomelidae): Cactus	Peru			1	Calif.*
<i>Cosmolyce boeticus</i> (L.) (Lycaenidae): <i>Canavalia</i> sp.	Hawaii	3			Calif.*
<i>Cossonus canaliculatus</i> F. (Curculionidae): <i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Tabebuia donnell-smithii</i> (primavera)	Guatemala, Mexico	3			N. Y.
<i>Cossonus impressus</i> Boh. var. (Curculionidae): <i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Crocidosema plebeiana</i> (Zell.) (Olethreutidae): <i>Crataegus</i> sp. (hawthorn)	do	3			Tex.
<i>Ibiscus esculentus</i> (okra)	Cuba	1			N. Y.
<i>Cryphula apicatus</i> (Dist.) (Lygaeidae): <i>Cattleya</i> sp. (orchid)	Venezuela			1	N. J.
<i>Cryphula fasciatus</i> (Dist.) (Lygaeidae): <i>Cattleya</i> sp. (orchid)	Colombia			1	N. J.
<i>Cryptamorpha desjardinsi</i> (Guer.) (Cucujidae): <i>Schomburgkia</i> sp. (orchid)	Trinidad			1	N. J.
<i>Curculio q-griseae</i> Chitt. (Curculionidae): Soil	Mexico	1			Ariz.
<i>Cylas formicarius</i> (F.) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato)	Cuba, Dominican Republic, Mexico	26	12		Fla., La, N. Y., Pa., Tex.
<i>Cylas formicarius elegantulus</i> (Summers) (Curculionidae): <i>Brassica chinensis</i> (white greens)	Cuba	1			N. Y.
<i>Ipomoea batatas</i> (sweetpotato)	Argentina, China, Cuba, Dominican Republic, Mexico, Puerto Rico	4	8		Ga., Hawaii*, La., Md., N. Y., Tex.
<i>Physalis</i> sp. (husk tomato)	Mexico	1			Tex.
<i>Cylas formicarius</i> F. var. (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato)	Dominican Republic	1			N. Y.
<i>Cylas puncticollis</i> Boh. (Curculionidae): <i>Ipomoea batatas</i>	Union of South Africa		1		Mass.
<i>Cylas turcipennis</i> Boh. (Curculionidae): <i>Ipomoea batatas</i>	Java		1		La.
<i>Cylindrocopturus biradiatus</i> Champ. (Curculionidae): Cactus	Mexico	1			Tex.
<i>Cymus virescens</i> (F.) (Lygaeidae): <i>Panicum</i> sp.	Dutch West Indies	1			N. Y.
<i>Cyrtopeltis varians</i> (Dist.) (Miridae): <i>Brassica chinensis</i> (white greens)	Cuba	2			N. Y.
Miscellaneous flowers	Mexico	1			Tex.

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Insect and host	Country of origin	Number of inter-ceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Dacus cucurbitae</i> (Coq.) (Tephritidae):					
<i>Lycopersicon esculentum</i> (tomato).....	Hawaii.....		2		Calif.*
<i>Phaseolus vulgaris</i> (kidney bean).....	do.....		1		Calif.*
<i>Phaseolus</i> sp. (string bean).....	do.....		1		Calif.*
<i>Dalopius marginatus</i> (L.) (Elateridae):					
<i>Rhododendron</i> sp.....	England.....			1	Wash.
<i>Deloyala guttata</i> (Oliv.) (Chrysomelidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Spinacia oleracea</i> (spinach).....	do.....	1			Tex.
<i>Deloyala lecontei</i> (Cr.) (Chrysomelidae):					
<i>Brassica rapa</i> (turnip).....	do.....	1			Tex.
<i>Dialeurodes chittendeni</i> Laing (Aleyro- didae):					
<i>Rhododendron</i> sp.....	England.....			2	N. J., Wash.
<i>Dialeurodes kirkaldyi</i> (Kot.) (Aleyro- didae):					
<i>Tabernaemontana</i> sp.....	Tabiti.....			1	Calif.*
<i>Diaspis cocois</i> Licht. (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Jamaica.....	1			N. Y.
<i>Diaspis texensis</i> (Ckll.) (Coccidae):					
<i>Sophora</i> sp.....	Mexico.....	1			Tex.
<i>Dicyphus minimus</i> Uhl. (Miridae):					
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Tex.
<i>Dinoderus bifoveolatus</i> Woll. (Bostrich- idae):					
<i>Derris scandens</i> (derris).....	Malaya (British), Straits Settlements.	5			N. Y.
<i>Serjania mexicana</i> (barbasco).....	Peru.....	12			N. Y.
<i>Dinoderus pilifrons</i> Lesne (Bostrichidae):					
Bamboo.....	India.....	1	2		La., N. Y., Oreg.
<i>Diocalandra taiitensis</i> (Guer.) (Curculi- onidae):					
<i>Cocos nucifera</i> (coconut).....	Hawaii.....	2			Calif.*
<i>Diphaulaca cordobae</i> Barber (Chrysome- lidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	1			Tex.
<i>Disonycha antennata</i> Jac. (Chrysome- lidae):					
<i>Ananas comosus</i>	do.....	1			Tex.
<i>Disonycha argentinensis</i> Jac. (Chrysome- lidae):					
<i>Capsicum annum</i> (pepper).....	Argentina.....		1		Mass.
<i>Helianthus</i> sp. (sunflower).....	do.....	1			N. Y.
<i>Disonycha arizonae</i> Cas. (Chrysomelidae):					
<i>Portulaca oleracea</i> (purslane).....	Mexico.....	2			Tex.
<i>Disonycha politula</i> Horn (Chrysomelidae):					
<i>Lactuca sativa</i> (lettuce).....	do.....	1			Tex.
<i>Dorytomus brevisetosus</i> Csy. (Curculi- onidae):					
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Ariz.
<i>Populus</i> sp. (cottonwood).....	do.....		1		Ariz.
<i>Draeculacephala minerva</i> Ball (Cicadel- lidae):					
<i>Medicago sativa</i> (alfalfa).....	do.....	1			Tex.
Miscellaneous flowers.....	do.....	1			Ariz.
<i>Eriopha nasturtium aquaticum</i> (water- cress).....	do.....	1			Tex.
<i>Drasterius licens</i> (Lec.) (Elateridae):					
<i>Beta vulgaris</i> (beet).....	do.....	1			Tex.
<i>Brassica rapa</i> (turnip).....	do.....	1			Tex.
<i>Brassica</i> sp. (mustard).....	do.....	1			Tex.
<i>Portulaca oleracea</i> (purslane).....	do.....	1			Tex.
<i>Dros petasum</i> Kinsey (Cynipidae):					
<i>Quercus macrophylla</i> (oak).....	do.....	1			Ariz.
<i>Drymus sylvaticus</i> (F.) (Lygaeidae):					
Packing around camellia plants.....	England.....			1	N. J.
<i>Dynatospechus aureopilosus</i> Fairm. (Coreu- lionidae):					
<i>Adenanthera pavonina</i> (sandal bead- tree).....	Japan.....			1	Hawaii.*
<i>Mucuna</i> sp.....	Hawaii.....	2			Calif.*
<i>Dysdercus mimulus</i> Huss. (Pyrrhoc- idae):					
<i>Lagerstroemia</i> sp. (crapemyrtle).....	Mexico.....	1			Tex.

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<i>Eburia brevispinis</i> Bates (Cerambycidae): <i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Elaphidion irroratum</i> (L.) (Ceramby- cidae): <i>Terminolia</i> sp.	Cuba	1			N. Y.
<i>Elaphrothrips dampfi</i> Hood (Thripidae): <i>Ananas comosus</i> (pineapple)	Mexico	7			Tex.
<i>Empoasca abrupta</i> DeL. (Cicadellidae): <i>Brassica</i> sp. (mustard)	do.	1			Tex.
<i>Lactuca sativa</i> (lettuce)	do.	3			Tex.
<i>Empoasca batatae</i> Poos (Cicadellidae): <i>Lactuca sativa</i> (lettuce)	do.	1			Tex.
<i>Empoasca phaseola</i> Oman (Cicadellidae): <i>Lycaste aromatica</i> (orchid)	do.			1	Tex.
<i>Endrosia lacteella</i> (Schiff.) (Oecophoridae): <i>Narcissus</i> sp.	Ireland			1	N. J.
<i>Epicaerus cognatus</i> Sharp (Curculi- onidae): <i>Solanum tuberosum</i> (potato)	Mexico	5			Tex.
<i>Epilachna varivestis</i> Muls. (Coccinellidae): <i>Brassica rapa</i> (turnip)	do.	2			Tex.
<i>Medicago sativa</i> (alfalfa)	Argentina		1		Pa.
<i>Phaseolus</i> sp. (string bean)	Mexico	1			Ariz.
<i>Epinotia opposita</i> Hein. (Olethreutidae): <i>Capiscum annuum</i> (pepper)	Mexico	2			Tex.
<i>Lycopersicon esculentum</i> (tomato)	do.	1			Ariz.
<i>Phaseolus lunatus macrocarpus</i> (lima bean)	do.	1			Tex.
<i>Phaseolus</i> sp. (string bean)	Canal Zone, Mexico	272	10		Ariz., Md., Tex.
<i>Epitrix subcrinita</i> (Lec.) (Chrysomelidae): <i>Rhododendron</i> sp.	Canada			3	Wash.
<i>Epochra canadensis</i> Loew (Tephritidae): <i>Ribes</i> sp. (wild currant)	Mexico	2			Tex.
<i>Ereunetes flavistriata</i> (Walsm.) (Tineidae): <i>Cocos nucifera</i> (coconut)	Hawaii		1		Calif.*
<i>Eriococcus araucariae</i> Mask. (Coccidae): <i>Araucaria excelsa</i> (Norfolk-Island- pine).	Guatemala			1	N. J.
<i>Erynephala puncticollis</i> (Say) (Chrysome- lidae): <i>Beta vulgaris</i> (beet)	Mexico	1			Tex.
Flowers	do.	1			Tex.
Medicinal herb	do.	1			Tex.
Vegetables	do.	1			Tex.
<i>Eucalandra stultosa</i> Gyll. (Curculioni- dae): Bamboo	Colombia	1			N. Y.
<i>Cattleya</i> sp. (orchid)	do.			1	N. J.
<i>Eumecosomyia nubila</i> (Wied.) (Otitidae): <i>Musa paradisiaca</i> (plantain)	Cuba		1		La.
<i>Zea mays</i> (corn)	Cuba, Mexico	90	1		Ariz., N. Y., Tex.
<i>Eumysia maculicula</i> (Dyar) (Phyciti- dae): Roots of succulent	Mexico	2			Calif.
<i>Euphoria kerni</i> Hald. (Scarabaeidae): Daisy	do.	1			Tex.
<i>Gardenia jasminoides</i> (Cape-jasmine)	do.	1			Tex.
<i>Eurycippia vestitus</i> Dist. (Miridae): <i>Cattleya lueddemanniana</i> (orchid)	Honduras, Venezuela			2	Calif.*
<i>Cattleya mossiae</i> (orchid)	Venezuela			1	Calif.*
<i>Cattleya</i> sp.	do.			1	Calif.*
<i>Epidendrum</i> sp. (orchid)	Honduras			1	Calif.*
<i>Oncidium cavendishianum</i> (orchid)	Guatemala			1	Calif.*
<i>Oncidium splendidum</i> (orchid)	do.			1	Calif.*
Orchid	Guatemala, Mexico	1		4	P. R., Tex.
<i>Eurytoma orchidearum</i> (Westw.) (Euryto- midae): <i>Cattleya</i> sp. (orchid)	Brazil, Colombia, Peru, Venezuela			44	Calif.,* N. J.
Orchid	Brazil, Mexico			3	N. J., Tex.
<i>Euscepes postfasciatus</i> (Fairm.) (Curcu- lionidae): <i>Ipomoea batatas</i> (sweetpotato)	Brazil, Cuba, Dutch Guiana, Hawaii, Pe- ru, Puerto Rico, Trin- idad, Virgin Islands.	5	55		Ala., La., Md., Mass., N. Y., Pa., Tex., Va.

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<i>Euschistus obscurus</i> (P. B.) (Pentato- midae):					
<i>Celosia</i> sp. (cockscornb).....	Mexico.....	1			Tex.
<i>Euzesta sororcula</i> (Wied.) (Otitidae):					
<i>Zea mays</i> (corn).....	do.....	1			Tex.
<i>Euzesta stigmatias</i> Loew (Otitidae):					
<i>Persea americana</i> (avocado).....	do.....	1			Tex.
<i>Zea mays</i> (corn).....	do.....	25	1		Tex. Ariz., Tex.
<i>Eritianus obscurinervis</i> (Stal) (Cicadelli- dae):					
<i>Portulaca oleracea</i> (purslane).....	do.....	1			Ariz.
<i>Exptiochomera tumens</i> (Stal) (Lygaeidae):					
<i>Cattleya</i> sp. (orchid).....	Venezuela.....			2	N. J.
<i>Falconia caduca</i> Dist. (Miridae):					
<i>Ricinus communis</i> (castor bean).....	Mexico.....	1			Tex.
<i>Forficula auricularia</i> L. (Forficulidae):					
<i>Apium graveolens</i> (celery).....	Portugal.....		1		Pa.
<i>Quercus</i> sp. (oak).....	do.....	1			Pa.
<i>Symplocarpus foetidus</i> (skunkcab- bage):	Canada.....			1	Pa.
<i>Frankliniella cephalica</i> (Crawf.) (Thrip- idae):					
<i>Chrysanthemum frutescens</i> (Margue- rite daisy). <i>Gerbera</i> sp.....	Mexico.....	1			Tex.
<i>Frankliniella cubensis</i> Hood (Thripidae):					
<i>Rosa</i> sp.....	Canal Zone.....	1			N. Y.
<i>Frankliniella fortissima</i> Pr. (Thripidae):					
<i>Gladiolus</i> sp.....	Cuba, Mexico.....	2	1		Fla.*
<i>Lathyrus odoratus</i> (sweet pea).....	Mexico.....	3			Ariz.
<i>Portulaca oleracea</i> (purslane).....	do.....	23			Ariz.
<i>Frankliniella insularis</i> (Frankl.) (Thrip- idae):	do.....	2			Ariz.
<i>Passiflora</i> sp. (passionflower).....	Bermuda.....	2			N. Y.
<i>Rosa</i> sp.....	Bahamas.....		1		Fla.*
<i>Fulvius bistillatus</i> (Stal) (Miridae):					
<i>Chrysanthemum</i> sp.....	Mexico.....	1			Tex.
<i>Fulvius brevicornis</i> (Reut.) (Miridae):					
<i>Aglaonema</i> sp.....	China.....			4	N. J.
<i>Furcaspis biformis</i> (Ckll.) (Coccidae):					
<i>Brassavola</i> sp. (orchid).....	Canal Zone.....			2	N. J.
<i>Cattleya dowiana</i> (orchid).....	do.....			1	Calif.*
<i>Cattleya superba</i>	British West Indies.....			1	Calif.*
<i>Cattleya trianae</i>	Canal Zone.....			1	Calif.*
<i>Cattleya</i> sp.....	Colombia, Dutch West Indies, Panama, Trin- idad, Venezuela.....			11	N. J., Tex.
<i>Epidendrum atropurpureum</i> (orchid).....	Canal Zone, Panama.....			2	Calif.* N. J.
<i>Epidendrum</i> sp.....	Canal Zone, Venezuela.....			3	Calif., N. J.
<i>Odontoglossum</i> sp. (orchid).....	Canal Zone.....			1	Calif.*
<i>Oncidium lanceanum</i> (orchid).....	Trinidad.....			1	Calif.*
<i>Oncidium panamense</i>	Canal Zone.....			1	Calif.*
<i>Oncidium</i> sp.....	do.....			2	N. J.
Orchid.....	Canal Zone, Colombia, Panama, Trinidad, Venezuela.....	1	2	5	Fla., N. J., N. Y., P. R.
<i>Galgupha punctifer</i> McA. & M. (Cydn- idae):					
Orchid.....	Honduras, Mexico.....			2	La., Tex.
<i>Geocoris sonoraensis</i> Van D. (Lygaeidae):					
<i>Brassica rapa</i> (turnip).....	Mexico.....	1			Tex.
<i>Lactuca sativa</i> (lettuce).....	do.....	1			Tex.
<i>Gerstaeckeria mutillaria</i> Gerst. (Curcul- ionidae):					
<i>Mammillaria lenta</i> (cactus).....	do.....			1	Tex.
<i>Gnathotrichus aciculatus</i> Blackm. (Sco- lytidae):					
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Tex.
<i>Gnathotrichus denticulatus</i> Blackm. (Sco- lytidae):					
<i>Brassica oleracea capitata</i> (cabbage).....	do.....	1			Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Ariz.
<i>Gnorimoschema gudmannella</i> (Wlsm.) (Gelechiidae):					
<i>Capiscum annuum</i> (pepper).....	do.....	69			Ariz., Calif., Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Tex.

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<i>Gnorimoschema lavernella</i> (Chamb.) (Gelechiidae):					
<i>Physalis</i> sp. (husk tomato).....	Mexico.....	1			Tex.
<i>Gonataspis</i> Dist. (Lygaeidae):					
<i>Cattleya</i> sp. (orchid).....	Colombia.....			1	N. J.
<i>Gynaikothrips uzeli</i> (Zimm.) (Phlaeothripidae):					
<i>Brassica oleracea acephala</i> (kale).....	Cuba.....	1			N. Y.
<i>Haplothrips gowdeyi</i> (Frankl.) (Thripidae):					
<i>Bougainvillea</i> sp.....	Hawaii.....	4			Calif.*
<i>Brassica oleracea acephala</i> (kale).....	Cuba.....	1			N. Y.
<i>Daucus carota</i> (Queen-Annes-lace).....	Bahamas.....	1			N. Y.
<i>Dianthus</i> sp. (carnation).....	Canal Zone, Hawaii.....	2			Calif., Fla.*
<i>Gardenia jasminoides</i> (Cape-jasmine).....	Mexico.....	1			Tex.
<i>Gerbera</i> sp.....	Canal Zone.....	2			N. Y.
<i>Hibiscus syriacus</i> (rose of Sharon).....	Bermuda.....	1			N. Y.
<i>Nerium oleander</i> (oleander).....	do.....	1			N. Y.
<i>Haplothrips nigricornis</i> Bagn. (Thripidae):					
<i>Ornithogalum thyrsoides</i> (chinkerichee).....	Union of South Africa.....	2			N. Y.
<i>Heilipus trifasciatus</i> (F.) (Curculionidae):					
<i>Persea americana</i> (avocado).....	Costa Rica.....		1		Tex.
<i>Heliodinia bella</i> (Chamb.) (Heliodinidae):					
<i>Beta vulgaris</i> (beet).....	Mexico.....	1			Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Tex.
<i>Portulaca oleracea</i> (purslane).....	do.....	57			Ariz., Calif., Tex.
<i>Heliothis subflera</i> (Gn.) (Phalaenidae):					
<i>Physalis</i> sp. (husk tomato).....	do.....	23			Tex.
<i>Hellula phidolealis</i> (Wlk.) (Pyraustidae):					
<i>Brassica chinensis</i> (white greens).....	Cuba.....	11			N. Y.
<i>Brassica hirta</i> (white mustard).....	Mexico.....	33			Calif.
<i>Brassica oleracea capitata</i> (cabbage).....	Puerto Rico, Trinidad.....		3		N. Y.
<i>Brassica rapa</i> (turnip).....	Cuba.....		1		N. Y.
<i>Brassica</i> sp. (mustard).....	Cuba, Mexico.....	6			Calif., N. Y.
<i>Hellula undalis</i> (F.) (Pyraustidae):					
<i>Beta cicla</i> (Swiss chard).....	Mexico.....	3			Ariz.
<i>Brassica chinensis</i> (white greens).....	do.....	2			Ariz.
<i>Brassica hirta</i> (white mustard).....	do.....	9			Calif.
<i>Brassica oleracea botrytis</i> (cauliflower).....	do.....	1			Tex.
<i>Brassica oleracea capitata</i> (cabbage).....	do.....	1			Ariz.
<i>Brassica rapa</i> (turnip).....	do.....	10			Ariz., Tex.
<i>Brassica</i> sp. (mustard).....	do.....	7			Ariz., Tex.
<i>Raphanus sativus</i> (radish).....	do.....	3			Tex.
<i>Heraeus guttatus</i> (Dall.) (Lygaeidae):					
<i>Ananas comosus</i> (pineapple).....	do.....	1			Tex.
<i>Hercinotrips femoralis</i> (Reut.) (Thripidae):					
<i>Cypripedium</i> sp. (orchid).....	England.....			3	Hawaii*, N. J.
<i>Heterostyrix aequalis</i> (Waterh.) (Bostriichidae):					
<i>Cocos nucifera</i> (coconut).....	India.....	1			N. Y.
Wood.....	French Indo-China, India, Java.....	6			Calif., N. Y.
<i>Heteroderes laurenti</i> Guer. (Elatridae):					
<i>Brassica chinensis</i> (white greens).....	Cuba.....	1			N. Y.
<i>Heteroderes rufangulus</i> Gyll. (Elatridae):					
Excelsior in box of grapes.....	Argentina.....	1			N. Y.
<i>Hofmannophila pseudospretella</i> (Staint.) (Oecophoridae):					
<i>Alstroemeria</i> sp.....	England.....			1	N. J.
<i>Berberis jamesonii</i>	do.....			1	D. C.
<i>Dahlia</i> sp.....	do.....			1	N. J.
<i>Homaloptila dolera</i> Dyar (Phycitidae):					
<i>Carica papaya</i> (papaya).....	Cuba.....	1			N. Y.
<i>Homona patulana</i> Wlk. (Tortricidae):					
<i>Gardenia jasminoides</i> (Cape-jasmine).....	Mexico.....	1			Tex.
<i>Homophoea lustrans</i> (Cr.) (Chrysomelidae):					
<i>Lactuca sativa</i> (lettuce).....	do.....	1			Tex.
<i>Hypera meles</i> F. (Curculionidae):					
Hay.....	Newfoundland.....	1			N. Y.
<i>Hypera nigrostris</i> F. (Curculionidae):					
Hay.....	do.....	1			N. Y.

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<i>Hypselonotus fulvus</i> (Deg.) (Coreidae):					
<i>Chrysanthemum</i> sp.	Mexico.....	1	-----	-----	Tex.
<i>Hypselonotus interruptus</i> Hahn (Coreidae):					
<i>Saponaria</i> sp.	Brazil.....	1	-----	-----	N. Y.
<i>Hypsipyla grandella</i> (Zell.) (Phyllocidae):					
<i>Swietenia mahogani</i> (mahogany)	Guatemala.....	2	-----	-----	N. Y.
<i>Hypsoprora nogolata</i> Ball (Membracidae):					
<i>Gardenia jasminoides</i> (Capc-jasmine)	Mexico.....	1	-----	-----	Ariz.
<i>Keiferia lycopersicella</i> (Busek) (Gelechiidae):					
<i>Lycopersicon esculentum</i> (tomato)	Cuba, Mexico.....	7,067	1	-----	Ariz., Calif., N. Y., Tex., Vt.
<i>Lacon leseleuci</i> Cand. (Elateridae):					
<i>Portulaca oleracea</i> (purslane)	Mexico.....	1	-----	-----	Ariz.
<i>Laemophloeus suturalis</i> Reitt. (Cucujidae):					
<i>Tabebuia donnell-smithii</i> (primavera)	Guatemala.....	1	-----	-----	Tex.
<i>Laemotmetus rhizophagoides</i> (Walk.) (Cucujidae):					
Bamboo	Dutch East Indies, Java.....	-----	2	-----	La.
<i>Lamprosema schistisemalis</i> Hamps. (Pyraustidae):					
<i>Cattleya</i> sp. (orchid)	Venezuela.....	-----	-----	1	N. J.
<i>Laspeyresia membrorsa</i> Hein. (Olethreutidae):					
<i>Prosopis</i> sp. (mesquite)	Mexico.....	1	-----	-----	Calif.
<i>Laspeyresia splendana</i> (Hbn.) (Olethreutidae):					
<i>Castanea</i> sp. (chestnut)	Japan, Portugal.....	6	-----	-----	Hawaii, N. Y.
<i>Leperisinus frazini</i> (Panz.) (Scolytidae):					
<i>Fraxinus</i> sp. (ash)	England.....	11	-----	-----	N. Y., Pa.
<i>Lepidosaphes alba</i> (Ckll.) (Coccidae):					
<i>Manihot esculenta</i> (cassava)	British Honduras, Cuba.....	1	-----	1	D. C., Fla.*
<i>Lepidosaphes auriculata</i> (Green) (Coccidae):					
<i>Codiaeum</i> sp. (croton)	Hawaii.....	-----	-----	1	Calif.*
<i>Lepidosaphes philococcus</i> (Ckll.) (Coccidae):					
Cactus	Mexico.....	-----	-----	5	N. J., Tex.
<i>Cereus victoriensis</i> (cactus)	do.....	-----	-----	1	Tex.
<i>Cereus</i> sp.	do.....	-----	-----	1	Tex.
<i>Lemaireocereus dumortieri</i> (cactus)	do.....	-----	-----	2	Tex.
<i>Lemaireocereus</i> sp.	do.....	-----	-----	1	Tex.
<i>Myrtillocactus geometrizans</i> (cactus)	do.....	-----	-----	1	Tex.
<i>Pachycereus marginatus</i> (organpipe-cactus)	do.....	-----	-----	4	Tex.
<i>Lepidosaphes tuberculata</i> Malen. (Coccidae):					
<i>Cymbidium</i> sp. (orchid)	England.....	-----	-----	27	Calif.*, Hawaii, N. J.
<i>Lepidosaphes uniloba</i> (Kuw.) (Coccidae):					
<i>Alyxia olivaceiformis</i> (maile alyxia)	Hawaii.....	1	-----	1	Calif.*
<i>Leptopharsa distantis</i> Drake (Tingitidae):					
<i>Ficus carica</i> (fig.)	Guatemala.....	1	-----	-----	Tex.
<i>Leptophobia aripa</i> (Bdv.) (Pieridae):					
<i>Brassica oleracea botrytis</i> (cauliflower)	Mexico.....	5	-----	-----	Tex.
<i>Lactuca sativa</i> (lettuce)	do.....	1	-----	-----	Tex.
<i>Leptostylus argentatus</i> Duv. (Cerambycidae):					
<i>Terminalia</i> sp.	Cuba.....	1	-----	-----	N. Y.
<i>Leucaspis cockerelli</i> (deCharm.) (Coccidae):					
<i>Dendrobium thyrsiflorum</i> (orchid)	Costa Rica.....	-----	-----	1	Calif.*
<i>Epidendrum</i> sp. (orchid)	Honduras.....	-----	-----	1	Calif.*
<i>Leucinodes elegantalis</i> Guen. (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico.....	6	-----	-----	Tex.
<i>Lichtensia lutea</i> (Ckll.) (Coccidae):					
<i>Codiaeum</i> sp. (croton)	do.....	1	-----	-----	Tex.

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<i>Ligyrocoris aurivilliana</i> (Dist.) (Lygaeidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	1			Tex.
<i>Brassica chinensis</i> (pakchoi).....	do.....	1			Ariz.
<i>Brassica</i> sp. (mustard).....	do.....	1			Tex.
<i>Centaurea cyanus</i> (bachelorbutton).....	do.....	1			Tex.
<i>Lactuca sativa</i> (lettuce).....	do.....	1			Tex.
Orchid.....	do.....	1		2	Tex.
<i>Phaseolus</i> sp. (string bean).....	do.....	1			Tex.
<i>Portulaca</i> sp. (purslane).....	do.....	1			Tex.
<i>Ligyrocoris nitidicollis</i> (Stal) (Lygaeidae):					
<i>Cereus victoriensis</i> (cactus).....	do.....			1	Tex.
<i>Citrus aurantifolia</i> (lime).....	do.....	1			Tex.
<i>Lineodes integra</i> (Zell.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato).....	Cuba, Mexico.....	6			Ariz., N. Y., Tex.
<i>Lineodes triangularis</i> Moschler (Pyraustidae):					
<i>Capsicum annuum</i> (pepper).....	Mexico.....	1			Ariz.
<i>Liriomyza flaveola</i> Fall. (Agrimyzidae):					
<i>Brassica chinensis</i> (white greens).....	Cuba.....	23			N. Y.
<i>Brassica oleracea acephala</i> (kale).....	do.....	7			N. Y.
<i>Brassica</i> sp. (mustard).....	do.....	11			N. Y.
<i>Coriandrum sativum</i> (coriander).....	do.....	2			N. Y.
<i>Lophocateres pusillus</i> (Klug) (Ostomidae):					
<i>Gladiolus</i> sp.....	Canada.....			1	N. J.
<i>Juglans</i> sp. (walnut).....	Australia.....	1			Va.
<i>Lorita abornana chatka</i> Busck (Phalonidae):					
<i>Capsicum annuum</i> (pepper).....	Mexico.....	83			Ariz., Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	2			Ariz.
<i>Lycotrylon japonum</i> Reitt. (Lycetidae):					
Bamboo.....	Dutch East Indies, Java.....		3		La., Tex.
<i>Lygaeus guatemalanus</i> Dist. (Lygaeidae):					
<i>Swietenia mahogani</i> (mahogany).....	Guatemala.....	1			N. Y.
<i>Lygaeus vittiscutis</i> Stal (Lygaeidae):					
Orchid.....	do.....			1	Tex.
<i>Lygus oblineatus</i> (Say) var. (Miridae):					
<i>Spinacia oleracea</i> (spinach).....	Mexico.....	1			Ariz.
<i>Lygus pratensis</i> (L.) var. (Miridae):					
<i>Brassica hirta</i> (white mustard).....	do.....	1			Calif.
<i>Brassica rapa</i> (turnip).....	do.....	1			Tex.
<i>Portulaca oleracea</i> (purslane).....	do.....	1			Tex.
<i>Macrodytulus mexicanus</i> Bts. (Scarabaeidae):					
<i>Capsicum annuum</i> (pepper).....	do.....	1			Tex.
<i>Maruca testulalis</i> (Geyer) (Pyraustidae):					
<i>Canavalia</i> sp.....	Hawaii.....	4			Calif.*
<i>Dioclea violacea</i> (mauna loa lei).....	do.....	2			Calif.*
<i>Phaseolus</i> sp. (string bean).....	Colombia, Dominica, Dutch Guiana, Ha- wail, Mexico, Puerto Rico, Trinidad.....	2	8		Ala., Calif., La., Mass., N. Y., Tex.
<i>Mecidea proluxa</i> Stal (Pentatomidae):					
Grass seed.....	Union of South Africa.....			1	Md.
<i>Melanaspis aliena</i> (Newst.) (Coccidae):					
<i>Cattleya bowringiana</i> (orchid).....	Guatemala.....			1	Calif.*
<i>Melusina annulata</i> (Mg.) (Melusinidae):					
<i>Brassica oleracea botrytis</i> (cauliflower).....	Scotland.....		1		N. Y.
<i>Melusina regelationis</i> L. (Melusinidae):					
Herb.....	England.....			1	N. J.
<i>Metamasius callizona</i> (Chev.) (Curculionidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	1			Tex.
<i>Metamasius sericeus</i> (Latr.) (Curculionidae):					
<i>Musa paradisica sapientum</i> (banana).....	Panama.....	1			Calif.*
<i>Metriton profligata</i> (Boh.) (Chrysomelidae):					
Mixed flowers.....	Mexico.....	1			Ariz.

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<i>Micrapate scapularis</i> (Gorh.) (Bostrichidae):					
<i>Sambucus</i> sp. (elder).....	Mexico.....	7			N. Y.
Wood.....	do.....	5			Ariz., Ill., N. Y.
<i>Micretus ericae</i> Gyll. (Curculionidae):					
<i>Calluna vulgaris</i> (heather).....	Scotland.....	1			Mass.
<i>Microcerotermes exiguus</i> Hagn. (Termitidae):					
Wood.....	Nicaragua.....			1	N. J.
<i>Monanthia monotropidia</i> Stal (Tingitidae):					
<i>Tillandsia</i> sp. (orchid).....	Mexico.....			1	Tex.
<i>Moneilema opuntiae</i> Fisher (Cerambycidae):					
<i>Mammillaria celsiana</i> (cactus).....	do.....			1	Tex.
<i>Mammillaria semperivi</i> (cactus).....	do.....			1	Tex.
<i>Moodna bisinuella</i> Hamp. (Phycitidae):					
<i>Zea mays</i> (corn).....	do.....	47	2		Tex.
<i>Mordellistena cattleyana</i> Champ. (Mordellidae):					
<i>Cattleya</i> sp. (orchid).....	Brazil, Canal Zone, Colombia, Venezuela.			15	N. J.
Orchid.....	Brazil.....			1	N. J.
<i>Morganella longispina</i> (Morg.) (Coccidae):					
<i>Dendrobium spectabile</i> (orchid).....	Australia.....			1	Calif.*
<i>Grammatophyllum speciosum</i> (orchid).....	Philippines.....			1	Calif.*
<i>Myelois ceratoniae</i> Zell. (Phycitidae):					
<i>Ceratonia siliqua</i> (St. Johnsbread).....	Costa Rica.....			1	Calif.*
<i>Myelois tenipars</i> Dyar (Phycitidae):					
<i>Pithecellobium flexicaule</i> (ebony).....	Mexico.....	3			Tex.
<i>Myodocha intermedia</i> Dist. (Lygaeidae):					
<i>Cattleya skinnerii</i> (orchid).....	do.....			1	Tex.
<i>Myodocha unispinosa</i> Stal (Lygaeidae):					
Orchid.....	do.....			1	Tex.
<i>Myzus ornatus</i> Laing (Aphidae):					
<i>Erica</i> sp.....	Canada.....			1	Wash.
<i>Patrinia palmata</i>	British Columbia.....			1	N. J.
<i>Primula</i> sp. (primrose).....	Canada.....			1	Wash.
<i>Tulipa</i> sp. (tulip).....	England.....			1	N. Y.
<i>Nabis alternatus</i> Parsh. (Nabidae):					
<i>Brassica rapa</i> (turnip).....	Mexico.....	1			Tex.
<i>Brassica</i> sp. (mustard).....	do.....	1			Tex.
<i>Cicer arietinum</i> (garbanzo).....	do.....	1			Ariz.
<i>Daphne laureola</i> (spurge laurel).....	Canada.....			1	Wash.
<i>Portulaca oleracea</i> (purslane).....	Mexico.....	1			Tex.
<i>Spinacia oleracea</i> (spinach).....	do.....	1			Ariz.
<i>Nabis annulatus</i> Reut. (Nabidae):					
<i>Portulaca oleracea</i> (purslane).....	do.....	1			Tex.
<i>Nabis dentipes</i> Harris (Nabidae):					
<i>Lactuca sativa</i> (lettuce).....	do.....	1			Tex.
<i>Nabis punctipennis</i> Blanch. (Nabidae):					
Packing.....	Chile.....	1			N. Y.
<i>Nasutitermes cornigera</i> Motsch. (Termitidae):					
<i>Cattleya</i> sp. (orchid).....	Colombia, Costa Rica.....			2	Calif.*, N. J.
<i>Cedrus</i> sp. (cedar).....	Costa Rica.....	1			N. Y.
<i>Guaiacum officinale</i> (lignumvitae).....	Nicaragua.....	1			Calif.*
<i>Nemopogon granella</i> (L.) (Tineidae):					
<i>Agaricus campestris</i> (mushroom).....	Canada.....	1			Wash.
<i>Nemocephalus guatemalensis</i> Senna (Brentidae):					
<i>Tabebuia donnell-smithii</i> (primavera).....	Guatemala, Panama.....	2			N. Y., Tex.
<i>Neoclytus cacticus</i> Chev. (Cerambycidae):					
<i>Guaiacum officinale</i> (lignumvitae).....	Honduras, Panama.....	5			N. Y.
<i>Neoclytus rufus</i> Oliv. (Cerambycidae):					
Wood.....	Trinidad.....		1		N. Y.
<i>Neuroctenus litigiosus</i> (Stal) (Aradidae):					
Orchid.....	Guatemala.....			1	Tex.
<i>Niveaspis fenestrata</i> Ferris (Coccidae):					
<i>Marsdenia cundurango</i> (condorvine).....	Peru.....	1			N. Y.
<i>Nysius scutellatus</i> Dall. (Lygaeidae):					
<i>Myristica fragrans</i> (nutmeg).....	Guadeloupe.....			1	P. R.
<i>Odonaspis greeni</i> (Ckll.) (Coccidae):					
Bamboo.....	Hawaii.....			1	Calif.*

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<i>Odonaspis saccharicaulis</i> (Zehnt.) (Coccidae): <i>Saccharum officinarum</i> (sugarcane).....	Guatemala.....	1			N. Y.
<i>Ogdoecosta biannularis</i> (Boh.) (Chrysomelidae): Orchid.....	Mexico.....			1	Tex.
<i>Opatrinus gemellus</i> (Oliv.) (Tenebrionidae): <i>Cattleya</i> sp. (orchid).....	Venezuela.....			2	N. J.
<i>Opsius stactogalus</i> Fieb. (Cicadellidae): <i>Chrysanthemum</i> sp.....	Mexico.....	1			Tex.
<i>Gardenia jasminoides</i> (Cape-jasmine).....	do.....	1			Tex.
<i>Ora sezlineata</i> Chev. (Cyphonidae): <i>Brassica chinensis</i> (white greens).....	Cuba.....	1			N. Y.
<i>Orchidophilus aterrimus</i> Waterh. (Curculionidae): Orchid.....	Thailand.....			1	Hawaii.*
<i>Orchidophilus peregrinator</i> Buch. (Curculionidae): <i>Phalaenopsis amabilis</i> (orchid).....	Philippines.....			2	Calif.*, Hawaii.*
<i>Vanda caerulea</i> (orchid).....	do.....			1	Calif.*
<i>Pachnaeus litus</i> Germ. (Curculionidae): <i>Brassica chinensis</i> (white greens).....	Cuba.....	1			N. Y.
<i>Pachycoris torridus</i> (Scop.) var. (Pentatomidae): Orchid.....	Mexico.....			1	Tex.
<i>Pachyzancla periusalis</i> (Wlk.) (Pyraustidae): <i>Solanum melongena</i> (eggplant).....	Cuba.....	4			La., N. Y.
<i>Pagiocerus rimosus</i> Eichh. (Scolytidae): <i>Mimulus moschatus</i>	Colombia.....	1			N. Y.
<i>Zea mays</i> (corn).....	Peru.....	1		1	N. J., N. Y.
<i>Palaeopus costicollis</i> Marsh. (Curculionidae): <i>Dioscorea</i> sp. (yam).....	Honduras.....	1			N. Y.
<i>Ipomoea batatas</i> (sweetpotato).....	Trinidad.....		6		Ala., Mass., Pa.
<i>Pantomorus xanthographus</i> Germar (Curculionidae): <i>Vitis</i> sp. (grape).....	Argentina.....	1			La.
<i>Parlatoria blanchardi</i> Targ. (Coccidae): <i>Phoenix dactylifera</i> (date).....	Iran.....			1	N. Y.
<i>Parlatoria cinerea</i> Hadden (Coccidae): <i>Citrus medica</i> (citron).....	Palestine.....	4			Calif.*
<i>Citrus paradisi</i> (grapefruit).....	Trinidad.....		2		Fla.*
<i>Citrus sinensis</i> (orange).....	Argentina, Bahamas, Brazil.....	1	5		Fla., Mass.
<i>Parlatoria crotonis</i> Doug. (Coccidae): <i>Codiaeum</i> sp. (croton).....	Hawaii.....			3	Calif.*
<i>Parlatoria oleae</i> (Colvee) (Coccidae): <i>Prunus domestica</i> (plum).....	Argentina.....	7			N. Y.
<i>Pyrus communis</i> (pear).....	do.....	1			N. Y.
<i>Parlatoria pseudaspidotus</i> Ldgr. (Coccidae): <i>Trichoglottis philippinensis</i> (orchid).....	Philippines.....			1	Hawaii.*
<i>Vanda hookeriana</i> (orchid).....	Philippines, Sumatra.....			2	Calif.*, Hawaii.*
<i>Vanda teres</i>	India, Philippines, Sumatra.....			7	Calif.*, Hawaii.*, N. J.
<i>Vanda teres alba</i>	Philippines.....	1		1	Hawaii.*
<i>Vanda teres andersoni</i>	Japan.....	1			Hawaii.*
<i>Vanda</i> sp.....	India, Philippines, Su- matra.....	1		8	Calif.*, Hawaii.*
<i>Pectinophora gossypiella</i> (Saund.) (Gel- echidae): <i>Gossypium</i> sp. (cottonseed).....	American Virgin Is- lands, Brazil, Hawaii, Mexico, Puerto Rico.....	9	1	1	Calif.*, D. C., Fla., La., P. R., Tex.
<i>Gossypium</i> sp. (seed cotton).....	Antigua, Mexico.....	6	1		Fla., Tex.
<i>Gossypium</i> sp. (cotton) (boll) <i>Gossypium</i> sp. (cotton) (oil mill motes).....	Hawaii.....	1			Calif.*
<i>Hibiscus esculentus</i> (okra).....	Mexico.....	1			Tex.
	Puerto Rico.....	1			N. Y.

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<i>Phaedon purpurea</i> (Linell) (Chrysomeli- dae):					
<i>Brassica chinensis</i> (white chard)	Mexico	1			Ariz.
<i>Phelomerus aberrans</i> (Sharp) (Bruchidae):	Trinidad			1	N. J.
<i>Cassia javanica</i> (appleblossom senna)	Canal Zone			1	N. J.
<i>Cassia moschata</i>					
<i>Phenacaspis eugeniae sandwichensis</i> Full. (Coccidae):					
<i>Cycas revoluta</i> (sago cycas)	Hawaii			1	Calif.*
<i>Phenacoccus gossypii</i> Towns. & Ckll. (Coccidae):					
<i>Capsicum annuum</i> (pepper)	Cuba	2			N. Y.
<i>Chrysanthemum</i> sp.	Mexico	1			Ariz.
<i>Hibiscus</i> sp.	Dominican Republic	1			N. Y.
<i>Mentha</i> sp. (mint)	Mexico	1			Tex.
<i>Pelargonium</i> sp. (geranium)	do	1		1	Ariz., Tex.
<i>Phyllotreta pusilla</i> Horn (Chrysomelidae):					
<i>Brassica oleracea capitata</i> (cabbage)	do	1			Tex.
<i>Brassica rapa</i> (turnip)	do	1			Tex.
<i>Daucus carota sativa</i> (carrot)	do	1			Tex.
<i>Lactuca sativa</i> (lettuce)	do	1			Tex.
<i>Raphanus sativus</i> (radish)	do	2			Tex.
<i>Phyllotreta vittata discodens</i> Weise (Chrys- omelidae):					
<i>Brassica chinensis</i> (white greens)	Cuba	1			N. Y.
<i>Brassica oleracea acephala</i> (kale)	do	1			N. Y.
<i>Phymata pennsylvanica coloradensis</i> Mel. (Phymatidae):					
<i>Portulaca oleracea</i> (purslane)	Mexico	1			Tex.
<i>Physonota peticollis</i> Boh. (Chrysomel- idae):					
Bromeliaceae	Guatemala			1	Calif.*
<i>Pilophoropsis brachypterus</i> Popp. (Miri- dae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Ariz.
<i>Pinnaspis minor strachani</i> Cooley (Coc- cidae):					
<i>Musa paradisiaca sapientum</i> (banana)	Trinidad	1			Fla.*
<i>Pinnaspis townsendi</i> (Ckll.) (Coccidae):					
<i>Aerides falcatum</i> (orchid)	Thailand			1	Hawaii.*
<i>Aerides lawrenciae</i>	Philippines			1	Hawaii.*
<i>Aerides odoratum</i>	Thailand			1	Hawaii.*
<i>Aerides quinquevulnera</i>	Philippines			1	Hawaii.*
<i>Cymbidium</i> sp. (orchid)	Japan			1	Hawaii.*
<i>Dendrobium moschatum</i> (orchid)	Philippines			1	Hawaii.*
<i>Dendrobium phalaenopsis</i>	Sumatra			1	Calif.*
<i>Renanthera storiei</i> (orchid)	Philippines	1		1	Hawaii.*
<i>Trichoglottis brachiata</i> (orchid)	do			1	Hawaii.*
<i>Vanda luzonica</i> (orchid)	do			1	Hawaii.*
<i>Vanda merrilli</i>	do			1	Hawaii.*
<i>Vanda roxburghii</i>	Thailand			1	Hawaii.*
<i>Pionea forficatis</i> (L.) (Pyraustidae):					
<i>Brassica oleracea capitata</i> (cabbage)	England		3		N. Y.
<i>Pityophthorus schwarzi</i> Blackm. (Scoly- tidae):					
<i>Pinus</i> sp. (pine)	Mexico	1			Ariz.
<i>Placosternus difficilis</i> (Chevr.) (Ceramby- cidae):					
<i>Ananas comosus</i> (pineapple)	do	1			Tex.
<i>Persea americana</i> (avocado)	do	1			Tex.
<i>Platyonota rostrana</i> (Walk.) (Tortricidae):					
<i>Ananas comosus</i> (pineapple)	do	1			Tex.
<i>Capsicum annuum</i> (pepper)	Cuba	4			La., N. Y.
<i>Citrus paradisi</i> (grapefruit)	do	1			N. Y.
<i>Musa paradisiaca</i> (plantain)	do	1			N. Y.
<i>Platyonota stultana</i> (Wlsm.) (Tortricidae):					
<i>Brassica</i> sp. (mustard)	Mexico	1			Tex.
<i>Capsicum annuum</i> (pepper)	do	330			Ariz., Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	16			Ariz., Tex.
<i>Platyonota lividigaster</i> Muls. (Coccinel- lidae):					
<i>Zingiber officinale</i> (ginger)	Hawaii	1			Calif.*
<i>Platypus alternans</i> Chapuis (Platypodi- dae):					
<i>Cedrus</i> sp. (cedar)	Costa Rica	1			N. Y.

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<i>Platypus exaratus</i> Bldf. (Platypodidae):					
<i>Tabebuia donnell-smithii</i> (primavera)	Guatemala	2			N. Y.
<i>Platypus rugulosus</i> Chapuis (Platypodi- dae):					
<i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Casearia praeox</i>	Venezuela	1			N. Y.
<i>Guaiacum officinale</i> (lignumvitae)	Guatemala	2			N. Y.
Log	Mexico	2			Tex.
<i>Swietenia mahogani</i> (mahogany)	Costa Rica, Mexico	2			N. Y.
<i>Tabebuia donnell-smithii</i> (primavera)	Canal Zone, Guatemala, Mexico, Panama.	4			N. Y.
Wood	Mexico		1		Tex.
<i>Polymerus basalis</i> (Reut.) (Miridae):					
<i>Chrysanthemum</i> sp.	do	1			Tex.
<i>Prays endocarpa</i> (Meyr.) (Hyponomeuti- dae):					
<i>Citrus aurantifolia</i> (lime)	Philippines	1			Calif.*
<i>Citrus limon</i> (lemon)	Dutch East Indies		1		Calif.*
<i>Protopulvinaria pyriformis</i> (Ckll.) (Coc- cidae):					
<i>Anacardium occidentale</i> (cashew)	Dominican Republic			1	P. R.
<i>Gardenia jasminoides</i> (Cape-jasmine)	Mexico, Venezuela	4			N. Y., Tex.
<i>Lonicera</i> sp. (honeysuckle)	Bermuda			1	N. Y.
<i>Pseudaonidia clavigera</i> (Ckll.) (Coccidae):					
<i>Genipa</i> sp. (genip)	Canal Zone			4	N. J.
<i>Hibiscus</i> sp.	Hawaii			4	Calif.*
<i>Inga</i> sp.	Canal Zone			1	N. J.
<i>Myricaria</i> sp.	do			1	N. J.
<i>Pseudaonidia tesserata</i> (deCharm.) (Coc- cidae):					
<i>Hibiscus</i> sp.	Hawaii			6	Calif.*
<i>Pseudaonidia trilobitiformis</i> (Green) (Coc- cidae):					
<i>Citrus paradisi</i> (grapefruit)	Java		1		N. Y.
<i>Citrus sinensis</i> (orange)	Brazil		1		Fla.*
<i>Mangifera indica</i> (mango)	do		1		Pa.
<i>Terminalia catappa</i> (Indian-almond)	Martinique	1			N. Y.
<i>Pseudischnaspis alienus</i> (Newst.) (Cocci- dae):					
<i>Brassavola glauca</i> (orchid)	Mexico			1	Calif.*
<i>Cattleya skinneri</i> (orchid)	Costa Rica, Salvador			5	Calif.*, N. J.
<i>Cattleya</i> sp.	Costa Rica			3	N. J., Tex.
<i>Odontoglossum</i> sp. (orchid)	Mexico			1	N. J.
Orchid	Costa Rica			1	P. R.
<i>Pseudococcus boninsis</i> (Kuw.) (Coccidae):					
<i>Cymbopogon</i> sp. (lemon grass)	Trinidad	1			N. Y.
<i>Saccharum officinarum</i> (sugarcane)	Bahamas, Cuba, Mexico	3	1	1	Fla.*, Tex.
<i>Pseudococcus gahani</i> (Green) (Coccidae):					
<i>Citrus limon</i> (lemon)	Union of South Africa		1		Mass.
<i>Psila rosae</i> (F.) (Psilidae):					
<i>Daucus carota sativa</i> (carrot)	England, Iceland		6		N. Y., Tex.
<i>Pastinaca sativa</i> (parsnip)	England		2		Pa.
<i>Pteleobius villatus</i> F. (Scolytidae):					
<i>Ulmus</i> sp. (elm)	do	6			N. Y.
<i>Pulvinaria floccifera</i> (Westw.) (Coccidae):					
<i>Cymbidium</i> sp. (orchid)	do			1	N. J.
<i>Pulvinaria urticae</i> Ckll. (Coccidae):					
<i>Capsicum annuum</i> (pepper)	Cuba	1			Fla.*
<i>Puto mexicanus</i> (Ckll.) (Coccidae):					
Cactus	Mexico			1	N. J.
<i>Renocis mexicanus</i> Blackm. (Scolytidae):					
<i>Eysenhardtia</i> sp.	do	3			Ill.
<i>Sambucus</i> sp. (elder)	do	1			N. Y.
Wood	do	9			Ariz., N. Y.
<i>Rhagoletis pomonella</i> (Walsh) (Tephriti- dae):					
<i>Malus sylvestris</i> (apple)	do	4			Tex.
<i>Rhigopsidius tucumanus</i> Heller (?) (Cur- culionidae):					
<i>Solanum tuberosum</i> (potato)	Peru	1	2		N. Y.
<i>Rhizophagus dominica</i> (Bostrichidae):					
<i>Cucurbita</i> sp.	Belgian Congo	1			N. Y.
<i>Rhobonda gaurisana</i> Wlkr. (Glyptiphy- gidae):					
<i>Ficus</i> sp.	Guatemala	2			Tex.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive—
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Insect and host	Country of origin	Number of inter-ceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Rhopalothrips bicolor</i> Hood (Thripidae): Cactus	Mexico	1			Tex.
<i>Ribua innoxia</i> Hein. (Phycitidae): Ananas comosus (pineapple)	Cuba	24	1		La., N. Y.
<i>Ripersia palmarum</i> (Ehrh.) (Coccidae): Cocos nucifera (coconut)	Hawaii	5	1	1	Calif.*
<i>Salpingus planirostris</i> F. (Pythidae): Ulmus sp. (elm)	England	1			N. Y.
<i>Saulaspis graphica</i> (Germ.) (Chrysomelidae): Vitis sp. (grape)	Argentina	1			N. Y.
<i>Scirtothrips longipennis</i> (Bagn.) (Thripidae): Cypripedium sp. (orchid)	England			1	Hawaii.*
<i>Scolytus multistriatus</i> Marsh. (Scolytidae): Ulmus sp. (elm)	do	2			N. Y.
<i>Sinozylon anale</i> Lesne (Bostrichidae): Areca sp.	Malaya (British)	1			N. Y.
<i>Derris scandens</i> (Malay jewelvine)	do	2			N. Y.
<i>Derris</i> sp.	Malaya (British), Philippines.	6			N. Y.
Wood <i>Sinozylon conigerum</i> Gerst. (Bostrichidae): Wood	India	3	1		Mich., N. Y.
<i>Sinozylon serdentatum</i> (Oliv.) (Bostrichidae): Slat on cork bundle	do		1		N. Y.
<i>Sisamnes contractus</i> Dist. (Lygaeidae): Ananas comosus (pineapple)	Portugal	1			N. Y.
<i>Sitona lineata</i> L. (Curculionidae): Rhododendron sp.	Mexico	38			Tex.
<i>Spathulina hessi</i> (Wied.) (Tephritidae): Helichrysum sp.	British Columbia			1	Wash.
<i>Specularius erythrinae</i> Bridwell (Bruchidae): Erythrina cafrina	Union of South Africa	1			N. Y.
<i>Erythrina constantiana</i>	do	1			N. Y.
<i>Stephanoderes brunneus</i> Hopk. (Scolytidae): Poinciana pulcherrima (flowerfence poinciana)	do	1			N. Y.
<i>Stephanoderes hampei</i> Ferr. (Scolytidae): Coffea sp.	Mexico	1			Ariz.
<i>Stephanoderes trinitatis</i> Hopk. (Scolytidae): Ormosia coutinhoi	Canada	1			Minn.
<i>Sternonchetus mangiferae</i> (F.) (Curculionidae): Mangifera indica (mango)	British Guiana	1			Mass.
<i>Stilodes fuscolineata</i> (Stal) (Chrysomelidae): Banana debris	Hawaii	4	6		Calif.*
<i>Stolas illustris</i> (Chevr.) (Chrysomelidae): Musa paradisiaca sapientum (banana)	Costa Rica	1			La.
<i>Systema basalis</i> (Duv.) (Chrysomelidae): Brassica chinensis (white greens)	British Honduras	1			Fla.*
<i>Brassica</i> sp. (mustard)	Cuba	2			N. Y.
<i>Chrysanthemum coronarium</i> (crown-daisy)	do	1			N. Y.
<i>Tadius erichinoides</i> Pascoe (Curculionidae): Cypripedium haynaldianum (orchid)	do	1			N. Y.
<i>Taeniothrips ericae</i> (Hal.) (Thripidae): Calluna vulgaris (heather)	Philippines			1	Calif.*
<i>Taeniothrips hawaiiensis</i> (Morg.) (Thripidae): Bougainvillea sp.	Scotland	1			N. Y.
<i>Taeniothrips simplex</i> (Morison) (Thripidae): Gladiolus sp.	Hawaii	2			Calif.*
<i>Talponia batesi</i> Hein. (Olethreutidae): Annona cheritmolia (cheritmolaya)	Mexico	2			Tex.
<i>Taphroderes sermaculatus</i> Boh. (Brentidae): Swietenia mahogani (mahogany)	do	1			Tex.
	Costa Rica	1			N. Y.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive—
Continued

Insect and host	Country of origin	Number of inter- ceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Targionia bromeliae</i> ("Newst." Leon) (Coccidae): <i>Ananas comosus</i> (pineapple).....	Cuba.....	1	-----	-----	Fla.*
<i>Targionia hartii</i> (Ckll.) (Coccidae): <i>Dioscorea</i> sp. (yam).....	Cuba, Trinidad, Union of South Africa, West Indies.	2	3	-----	Fla.*, N. Y., Pa.
<i>Targionia sacchari</i> (Ckll.) (Coccidae): <i>Saccharum officinarum</i> (sugarcane).....	Bahamas, Cuba, Jamai- ca, Puerto Rico.	1	2	1	Fla.*, N. Y.
<i>Teleonemia scrupulosa</i> Stal (Tingitidae): <i>Chrysanthemum</i> sp.....	Mexico.....	1	-----	-----	Tex.
<i>Tenthecoris bicolor</i> Scott (Miridae): <i>Cattleya mossiae</i> (orchid).....	Venezuela.....	-----	-----	2	Calif.*, P. R.
<i>Cattleya</i> sp. (orchid).....	Brazil, Canal Zone, Co- lombia, Costa Rica, Venezuela.	-----	-----	30	Calif.*, N. J.
<i>Epidendrum</i> sp. (orchid).....	Brazil.....	-----	-----	1	N. J.
<i>Laelia</i> sp. (orchid).....	do.....	-----	-----	1	N. J.
<i>Oncidium</i> sp. (orchid).....	Trinidad.....	-----	-----	1	N. J.
Orchid.....	Colombia, Mexico, Ven- ezuela.	-----	-----	6	N. J., Tex.
<i>Tesserocerus dejeani</i> Chapuis (Platy- podidae): <i>Guaiacum officinale</i> (lignumvitae).....	Guatemala.....	1	-----	-----	N. Y.
<i>Swietenia mahogani</i> (mahogany).....	Costa Rica, Honduras	2	-----	-----	N. Y.
<i>Tabebuia donnell-smithii</i> (primavera). <i>Tetraleurodes acaciae</i> (Q.) (Aleyrodidae): <i>Sophora</i> sp.....	Guatemala.....	1	-----	-----	N. Y.
<i>Tetraleurodes fici</i> Q. & B. (Aleyrodidae): <i>Ficus carica</i> (fig).....	Mexico.....	1	-----	-----	Tex.
<i>Tetraleurodes ursorum</i> (Ckll.) (Aleyrodi- dae): <i>Epigaea repens</i> (trailing arbutus).....	Guatemala.....	1	-----	-----	Tex.
<i>Tetraopes femoratus texanus</i> Horn (Ceram- bycidae): <i>Allium cepa</i> (onion).....	Nova Scotia.....	4	-----	-----	Mass.
<i>Tetrapriocera longicornis</i> (Oliv.) (Bostri- chidae): <i>Swietenia mahogani</i> (mahogany).....	Mexico.....	1	-----	-----	Tex.
Wood.....	do.....	3	-----	2	N. Y. Tex.
<i>Toxotrypana curvicauda</i> Gerst. (Tephri- tidae): <i>Carica papaya</i> (papaya).....	Honduras.....	-----	1	-----	La.
<i>Trionymus peregrinus</i> (Green) (Coccidae): <i>Amaryllis</i> sp.....	England.....	-----	-----	1	N. J.
<i>Trionymus sacchari</i> (Ckll.) (Coccidae): <i>Saccharum officinarum</i> (sugarcane).....	Australia.....	-----	1	-----	Mass.
<i>Trogozylon prostomoides</i> Gorh. (Lyctidae): <i>Sambucus</i> sp. (elder).....	Mexico.....	1	-----	-----	N. Y.
Wood.....	do.....	1	-----	-----	N. Y.
<i>Urbanus proteus</i> (L.) (Hesperiidae): <i>Phaseolus</i> sp. (string bean).....	do.....	1	-----	-----	Ariz.
<i>Urodus parvula</i> (Hy. Edw.) (Hyponomeu- tidae): <i>Persea americana</i> (avocado).....	do.....	1	-----	-----	Tex.
<i>Vinsonia stellifera</i> (Westw.) (Coccidae): <i>Brassavola</i> sp. (orchid).....	Canal Zone.....	-----	-----	1	Calif.*
<i>Brassia</i> sp. (orchid).....	do.....	-----	-----	1	Calif.*
<i>Cattleya</i> sp. (orchid).....	do.....	-----	-----	1	Calif.*
<i>Haematozylon campechianum</i> (log- wood). <i>Oncidium altissimum</i> (orchid).....	Martinique.....	1	-----	-----	N. Y.
<i>Stanhopea bucephalus</i> (orchid).....	American Virgin Islands	-----	-----	1	Fla.*
<i>Xenochalepus omoger</i> (Cr.) (Chrysomeli- dae): Bromeliaceae.....	Canal Zone.....	-----	-----	1	Calif.*
<i>Xyleborus affinis</i> Eichh. (Scolytidae): <i>Cedrus</i> sp. (cedar).....	Guatemala.....	-----	-----	1	Calif.*
<i>Swietenia mahogani</i> (mahogany).....	Costa Rica.....	1	-----	-----	N. Y.
<i>Tabebuia donnell-smithii</i> (primavera).....	Honduras.....	1	-----	-----	N. Y.
	Mexico.....	1	-----	-----	N. Y.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive—
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		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Xyleborus confusus</i> Eichh. (Scolytidae):					
<i>Cedrus</i> sp. (cedar).....	Costa Rica.....	1			N. Y.
<i>Citrus paradisi</i> (grapefruit).....	Cuba.....	1			N. Y.
<i>Guaiacum officinale</i> (lignumvitae).....	Guatemala.....	1			N. Y.
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Ariz.
<i>Swietenia mahogani</i> (mahogany).....	Costa Rica, Honduras, Mexico.....	3			N. Y.
<i>Tabebuia donnell-smithii</i> (primavera).....	Guatemala, Mexico.....	5			N. Y., Tex.
<i>Xyleborus fuscatus</i> Eichh. (Scolytidae):					
<i>Cedrus</i> sp. (cedar).....	Costa Rica.....	2			N. Y.
<i>Jacaranda acutijolia</i> (jacaranda).....	Brazil.....		1		N. Y.
<i>Xyleborus propinquus</i> Eichh. (Scolytidae):					
<i>Citrus aurantiifolia</i> (lime).....	Mexico.....	2			Ariz.
<i>Guaiacum officinale</i> (lignumvitae).....	Guatemala.....	1			N. Y.
Log.....	Mexico.....	1			Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	3			Ariz.
<i>Swietenia mahogani</i> (mahogany).....	Honduras.....	1			N. Y.
<i>Tabebuia donnell-smithii</i> (primavera).....	Guatemala.....	2			N. Y.
<i>Xyleborus sacchari</i> Hopk. (Scolytidae):					
<i>Saccharum officinarum</i> (sugarcane).....	Haiti.....		1		Md.
<i>Tabebuia donnell-smithii</i> (primavera).....	Guatemala.....	1			N. Y.
<i>Xyleborus torquatus</i> Eichh. (Scolytidae):					
<i>Guaiacum officinale</i> (lignumvitae).....	Mexico.....	1			N. Y.
<i>Swietenia mahogani</i> (mahogany).....	Costa Rica, Mexico.....	3			N. Y.
<i>Xylion adustus</i> (F.) (Bostrichidae):					
<i>Entandrophragma</i> sp.....	Gold Coast.....	1			N. Y.
<i>Swietenia mahogani</i> (mahogany).....	do.....	1			N. Y.
<i>Xylobiops tezanus</i> (Horn) (Bostrichidae):					
In bag containing avocados.....	Mexico.....	1			Tex.
<i>Xylopsocus capucinus</i> (F.) (Bostrichidae):					
<i>Derris</i> sp.....	Malaya (British).....	1			N. Y.
<i>Zabrotes subfasciatus</i> (Boh.) (Bruchidae):					
<i>Allium cepa</i> (onion).....	Mexico.....	1			Tex.
<i>Allium sativum</i> (garlic).....	do.....	1			Tex.
<i>Arachis hypogaea</i> (peanut).....	do.....	1			Tex.
Bean.....	Guatemala, Mexico, Peru.....	5		2	D. C., Mich.
<i>Panicum marimum</i> (guineagrass).....	Costa Rica.....			1	N. Y.
<i>Phaseolus lunatus macrocarpus</i> (lima bean).....	Union of South Africa.....		2		N. Y.
<i>Phaseolus vulgaris</i> (kidney bean).....	Mexico.....			1	D. C.
<i>Pisum sativum</i> (pea).....	Peru.....	1			N. Y.
<i>Pisum</i> sp. (yellow pea).....	Mexico.....		1		N. Y.
<i>Portulaca oleracea</i> (purslane).....	do.....	1			Ariz.
<i>Saccharum officinarum</i> (sugarcane).....	do.....	1			Tex.
<i>Triticum aestivum</i> (wheat).....	do.....	1			Tex.
<i>Vigna sinensis</i> (cowpea).....	do.....			1	D. C.

Hosts and insects

ACACIA:

- Acanthoscelides dominicanus* (Coleoptera)
- Acanthoscelides sallaci* (Coleoptera)

ADENANTHERA:

- Dynatospechus aureopilosus* (Coleoptera)

AECHMEA:

- Aleuroplatus cococolus* (Homoptera)

AERIDIES—See Orchidaceae

AGLAONEMA:

- Fulvius brevicornis* (Hemiptera)

AGARICUS:

- Nemapogon granella* (Lepidoptera)

ALLIUM CEPA:

- Tetraopes femoratus texanus* (Coleoptera)
- Zabrotes subfasciatus* (Coleoptera)

ALLIUM SATIVUM:

- Zabrotes subfasciatus* (Coleoptera)

ALSTROEMERIA:

- Hofmannophila pseudopretella* (Lepidoptera)

ALYXIA:

- Lepidosaphes uniloba* (Homoptera)

AMARYLLIS:

- Trionymus peregrinus* (Homoptera)

AMYGDALUS PERSICA:

- Anastrepha ludens* (Diptera)

ANACARDIUM:

- Protopulvinaria pyriformis* (Homoptera)

ANANAS:

- Acroleucus vicinalis* (Hemiptera)
- Alpheias conspirata* (Lepidoptera)
- Carneocephala sagittifera* (Homoptera)
- Cossonus canaliculatus* (Coleoptera)
- Cossonus impressus* var. (Coleoptera)
- Diphaulaca cordobae* (Coleoptera)
- Disonycha antennata* (Coleoptera)
- Eburia brevispinis* (Coleoptera)
- Elaphrothrips dampfi* (Thysanoptera)
- Heraeus guttatus* (Hemiptera)
- Ligyrocoris aurivilliana* (Hemiptera)
- Metamasius callizona* (Coleoptera)
- Placosternus difficilis* (Coleoptera)
- Platynota rostrana* (Lepidoptera)
- Platypus rugulosus* (Coleoptera)
- Ribua innoxia* (Lepidoptera)
- Sisamnes contractus* (Hemiptera)
- Targionia bromeliae* (Homoptera)

ANNONA:

- Aspidiotus destructor* (Homoptera)
- Talponia batesi* (Lepidoptera)

ANTHURIUM:

- Ceroplastes rubens* (Homoptera)

APIUM:

- Anuraphis apiifolia* (Homoptera)
- Forficula auricularia* (Orthoptera)

ARACHIS:

- Zabrotes subfasciatus* (Coleoptera)

ARAUCARIA:

- Eriococcus araucariae* (Homoptera)

ARECA:

- Sin xylon anala* (Coleoptera)

ASTROCARYUM:

- Coccotrypes dactyliperda* (Coleoptera)

BAMBOO:

- Asterolecanium bambusae* (Homoptera)
- Asterolecanium militaris* (Homoptera)
- Asterolecanium militaris longum* (Homoptera)
- Asterolecanium militaris robustum* (Homoptera)
- Chaetococcus bambusae* (Homoptera)
- Dinoderus piliformis* (Coleoptera)
- Eucalandra setulosa* (Coleoptera)
- Laemotmetus rhizophagoides* (Coleoptera)
- Lycotrylon japonum* (Coleoptera)
- Odonaspis greeni* (Homoptera)

BAMBUSA:

- Asterolecanium bambusae* (Homoptera)

BANANA DEBRIS:

- Stilodes fuscilineata* (Coleoptera)

BAROSMA:

- Chionaspis diosmae* (Homoptera)

BEAN:

- Conotrachelus seniculus* (Coleoptera)
- Zabrotes subfasciatus* (Coleoptera)

BERBERIS:

- Hofmannophila pseudopretella* (Lepidoptera)

BETA CICLA:

- Hellula undalis* (Lepidoptera)

BETA VULGARIS:

- Aceratagallia robusta* (Homoptera)
- Conotrachelus seniculus* (Coleoptera)
- Drasterius livens* (Coleoptera)
- Erynephala puncticollis* (Coleoptera)
- Heliodines bella* (Lepidoptera)

BOUGAINVILLEA:

- Acanthoscelides pruvinus* (Coleoptera)
- Colpocarena complanata* (Hemiptera)
- Haplothrips gowdeyi* (Thysanoptera)
- Taeniothrips hawaiiensis* (Thysanoptera)

BRASSA VOLA—See Orchidaceae

BRASSIA—See Orchidaceae

BRASSICA CAMPESTRIS:

- Ceutorhynchus pleurostigma* (Coleoptera)

BRASSICA CHINENSIS:

- Conoderus laurenti* (Coleoptera)
- Cylas formicarius elegantulus* (Coleoptera)
- Cryptopeltis varians* (Hemiptera)
- Hellula phidilealis* (Lepidoptera)
- Hellula undalis* (Lepidoptera)
- Heteroderes laurenti* (Coleoptera)
- Ligyrocoris aurivilliana* (Hemiptera)
- Liriomyza flaveola* (Diptera)
- Ora sczlineata* (Coleoptera)
- Pachnaeus litus* (Coleoptera)
- Phaedon purpurea* (Coleoptera)
- Phyllotreta vittata discedens* (Coleoptera)
- Systema basalis* (Coleoptera)

BRASSICA HIRTA:

- Hellula phidilealis* (Lepidoptera)
- Hellula undalis* (Lepidoptera)
- Lygus pratensis* var. (Hemiptera)

BRASSICA OLERACEA ACEPTHALA:

- Gynaikothrips uzeli* (Thysanoptera)
- Haplothrips gowdeyi* (Thysanoptera)
- Liriomyza flaveola* (Diptera)

- Phyllotreta vittata discedens* (Coleoptera)

BRASSICA OLERACEA BOTRYTIS:

- Hellula undalis* (Lepidoptera)
- Leptophobia aripa* (Lepidoptera)
- Melusina annulata* (Hemiptera)

BRASSICA OLERACEA CAPITATA:

- Ceutorhynchus quadridens* (Coleoptera)
- Conotrachelus seniculus* (Coleoptera)
- Gnathotrichus denticulatus* (Coleoptera)
- Hellula phidilealis* (Lepidoptera)
- Hellula undalis* (Lepidoptera)
- Phyllotreta pusilla* (Coleoptera)
- Pionia forficatis* (Lepidoptera)

BRASSICA RAPA:

- Ceutorhynchus pleurostigma* (Coleoptera)
- Deloyala lecontei* (Coleoptera)
- Drasterius livens* (Coleoptera)
- Epilachna varivestis* (Coleoptera)
- Geocoris sonoraensis* (Hemiptera)
- Hellula phidilealis* (Lepidoptera)
- Hellula undalis* (Lepidoptera)
- Lygus pratensis* var. (Hemiptera)
- Nabis alternatus* (Hemiptera)
- Phyllotreta pusilla* (Coleoptera)

BRASSICA SP. (mustard):

- Ceratocapsus cubanus* (Hemiptera)
- Conotrachelus seniculus* (Coleoptera)
- Drasterius livens* (Coleoptera)
- Empoasca abrupta* (Homoptera)
- Hellula phidilealis* (Lepidoptera)
- Hellula undalis* (Lepidoptera)
- Ligyrocoris aurivilliana* (Hemiptera)
- Liriomyza flaveola* (Diptera)
- Nabis alternatus* (Hemiptera)
- Platynota stultana* (Lepidoptera)
- Systema basalis* (Coleoptera)

BROMELIACEAE:

- Asterolecanium epidendri* (Homoptera)
- Physonota peticollis* (Coleoptera)
- Xenochalepus omoger* (Coleoptera)

CAESALPINIA:

- Acanthoscelides dominicanus* (Coleoptera)

CAJANUS:

- Callosobruchus chinensis* (Coleoptera)

CACTACEAE:

- Cosmogramma angustofasciata* (Coleoptera)
- Cylindrocrypturus biradiatus* (Coleoptera)
- Gerstaeckeria muliaria* (Coleoptera)
- Lepidosaphes philococcus* (Homoptera)

Hosts and insects—Continued

CACTACEAE—Continued.

- Ligyrocoris nitidicollis* (Hemiptera)
Monilema opuntiae (Coleoptera)
Puto mexicanus (Homoptera)
Rhopalothrips bicolor (Thysanoptera)

CALLUNA:

- Micrelus ericae* (Coleoptera)
Taeniothrips ericae (Thysanoptera)

CALOCARPUM:

- Anastrepha serpentina* (Diptera)

CAMELLIA:

- Aleurotrachelus camelliae* (Homoptera)

CANAVALLA:

- Cosmolyce boeticus* (Lepidoptera)
Maruca testulalis (Lepidoptera)

CAPSICUM:

- Aceratagallia pallida* (Homoptera)
Arvelius albopunctatus (Hemiptera)
Disonychia argentinensis (Coleoptera)
Epinotia opposita (Lepidoptera)
Gnorimoschema gudmannella (Lepidoptera)
Lineodes triangularis (Lepidoptera)
Lorita abornanu chatka (Lepidoptera)
Macroctylus mexicanus (Coleoptera)
Phenacoccus gossypii (Homoptera)
Platynota rostrana (Lepidoptera)
Platynota stultana (Lepidoptera)
Pulvinaria urbicola (Homoptera)

CARICA:

- Homaloptalia dalera* (Lepidoptera)
Toxotrypana curvicauda (Diptera)

CASEARIA:

- Platypus rugulosus* (Coleoptera)

CASSIA:

- Acanthoscelides alticola* (Coleoptera)
Aganactesis indecora (Lepidoptera)
Caryedon fuscus (Coleoptera)
Phelomerus aberrans (Coleoptera)

CASTANEA:

- Clytus arietis* (Coleoptera)
Laspeyresia splendana (Lepidoptera)

CATTLEYEA—See Orchidaceae

CEDRUS:

- Nasutitermes cornigera* (Isoptera)
Platypus alternans (Coleoptera)
Xyleborus affinis (Coleoptera)
Xyleborus confusus (Coleoptera)
Xyleborus fuscatus (Coleoptera)

CELOSIA:

- Euschistus obscurus* (Hemiptera)

CENTAUREA:

- Ligyrocoris auricilliana* (Hemiptera)

CERATONIA:

- Acanthoscelides ceratioborus* (Coleoptera)
Amblycerus piurae (Coleoptera)
Myelois ceratoniae (Lepidoptera)

CEREUS—See Cactaceae

CHRYSAETHUM:

- Aceratagallia nana* (Homoptera)
Frankliniella cephalica (Thysanoptera)
Fulvius bististillatus (Hemiptera)
Hypsilonotus fulvus (Hemiptera)
Opsius stactogalus (Homoptera)
Phenacoccus gossypii (Homoptera)
Polymerus basalis (Hemiptera)
Systema basalis (Coleoptera)
Teleonemia scrupulosa (Hemiptera)

CICER:

- Callosobruchus chinensis* (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Nabis alternatus (Hemiptera)

CITRUS AURANTIFOLIA:

- Anastrepha ludens* (Diptera)
Chrysomphalus personatus (Homoptera)
Coccus viridis (Homoptera)
Ligyrocoris nitidicollis (Hemiptera)
Prays endocarpa (Lepidoptera)
Xyleborus propinquus (Coleoptera)

CITRUS AURANTIUM:

- Anastrepha ludens* (Diptera)

CITRUS LIMON:

- Prays endocarpa* (Lepidoptera)
Pseudococcus gahani (Homoptera)

CITRUS MEDICA:

- Parlatoria cinerea* (Homoptera)

CITRUS PARADISI:

- Anastrepha fraterculus* (Diptera)
Anastrepha ludens (Diptera)
Anastrepha mombinpraeoptans (Diptera)
Anastrepha serpentina (Diptera)
Aonidiella inornata (Homoptera)
Parlatoria cinerea (Homoptera)
Platynota rostrana (Lepidoptera)
Pseudonidia trilobitiformis (Homoptera)
Xyleborus confusus (Coleoptera)

CITRUS RETICULATA:

- Aonidiella inornata* (Homoptera)
Chionaspis yanonensis (Homoptera)

CITRUS SINENSIS:

- Anastrepha fraterculus* (Diptera)
Anastrepha ludens (Diptera)
Anastrepha serpentina (Diptera)
Parlatoria cinerea (Homoptera)
Pseudonidia trilobitiformis (Homoptera)

CITRUS SP.:

- Aleurocanthus woglumi* (Homoptera)

COCOS:

- Aspidiotus destructor* (Homoptera)
Chrysomphalus personatus (Homoptera)
Diaspis cocois (Homoptera)
Diocalandra taitensis (Coleoptera)
Ereunetis flavistriata (Lepidoptera)
Heterobostrychus aequalis (Coleoptera)
Rhipersia palmarum (Homoptera)

CODIAEUM:

- Lepidosaphes auriculata* (Homoptera)
Lichtensia lutea (Homoptera)
Parlatoria crotonis (Homoptera)

COELOGYNE—See Orchidaceae

COFFEA:

- Ceratitidis capitata* (Diptera)
Stephanoderes hampei (Coleoptera)

COLOCASIA:

- Conchylodes ovalis* (Lepidoptera)

CORIANDRUM:

- Liriomyza flaveola* (Diptera)

CRATAEGUS:

- Crociosema plebeiana* (Lepidoptera)

CUCURBITA:

- Rhizophagus dominica* (Coleoptera)

CYCAS:

- Aonidiella inornata* (Homoptera)
Phenacaspis eugeniae sandwicensis (Homoptera)

CYDONIA:

- Anastrepha ludens* (Diptera)

CYMBIDIUM—See Orchidaceae

CYMBOPOGON:

- Pseudococcus boninsis* (Homoptera)

CYPRIPEDIUM—See Orchidaceae

DAHLIA:

- Hofmannophila pseudospretella* (Lepidoptera)

DAISY:

- Euphoria kerni* (Coleoptera)

DAPHNE:

- Nabis alternatus* (Hemiptera)

DAUCUS:

- Agromyza virens* (Diptera)
Haplothrips gowdeyi (Thysanoptera)
Phyllotreta pusilla (Coleoptera)
Psila rosae (Diptera)

DERRIS:

- Dinoderus bifoveolatus* (Coleoptera)
Sinozylon anale (Coleoptera)
Xylopsocus capucinus (Coleoptera)

DIOCLEA:

- Maruca testulalis* (Lepidoptera)

DIOSCOREA:

- Palaeopus costicollis* (Coleoptera)
Targionia hartii (Homoptera)

DENDROBIUM—See Orchidaceae

DIANTHUS:

- Alloccoris incognita* (Hemiptera)
Haplothrips gowdeyi (Thysanoptera)

ENTANDROPHRAGMA:

- Xylion adustus* (Coleoptera)

EPIDENDRUM—See Orchidaceae

EPIGAEA:

- Aleuroplatus myricae* (Homoptera)
Tetraleurodes ursorum (Homoptera)

Hosts and insects—Continued

- ERICA:**
Myzus ornatus (Homoptera)
- ERYTHRINA:**
Aspidiotus herculeanus (Homoptera)
Specularius erythrinae (Coleoptera)
- EYSONHARDTIA:**
Renocis mexicanus (Coleoptera)
- FICUS:**
Aspidiotus spinosus (Homoptera)
Leptopharsa distantis (Hemiptera)
Rhobonda gaurisana (Lepidoptera)
Tetraleurodes fici (Homoptera)
- FRAXINUS:**
Argyrotoza conwayana (Lepidoptera)
Leperisinus frazzini (Coleoptera)
- GARDENIA:**
Acrosternum stitica (Hemiptera)
Coccus viridis (Homoptera)
Euphoria kerni (Coleoptera)
Haplothrips gowdeyi (Thysanoptera)
Homona patulana (Lepidoptera)
Hyposopora nogolata (Homoptera)
Opisus stactogalus (Homoptera)
Protopulvinaria pyriformis (Homoptera)
- GENIPA:**
Pseudaonidia clavigera (Homoptera)
- GERBERA:**
Frankliniella cephalica (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)
- GLADIOLUS:**
Frankliniella fortissima (Thysanoptera)
Lophocateres pusillus (Coleoptera)
Taeniothrips simplex (Thysanoptera)
- GLEDITSIA:**
Bruchidius dorsalis (Coleoptera)
- GONGORA**—See Orchidaceae
- GOSSYPIMUM:**
Bucculatrix thurberiella (Lepidoptera)
Coreya cephalonica (Lepidoptera)
Pectinophora gossypiella (Lepidoptera)
- GRAMMATOPHYLLUM**—See Orchidaceae
- GUAIACUM:**
Nasutitermes cornigera (Isoptera)
Neoclytus cacticus (Coleoptera)
Platypus rugulosus (Coleoptera)
Tesserocerus dejeani (Coleoptera)
Xyleborus confusus (Coleoptera)
Xyleborus propinquus (Coleoptera)
Xyleborus torquatus (Coleoptera)
- HAEMATOTOXYLON:**
Vinsonia stellifera (Homoptera)
- HELIANTHUS:**
Disonycha argentiniensis (Coleoptera)
- HELICHRYSUM:**
Spathulina hessi (Diptera)
- HIBISCUS:**
Crociosema plebeiana (Lepidoptera)
Haplothrips gowdeyi (Thysanoptera)
Pectinophora gossypiella (Lepidoptera)
Phenacoccus gossypii (Homoptera)
Pseudaonidia clavigera (Homoptera)
Pseudaonidia tesserata (Homoptera)
- INGA:**
Pseudaonidia clavigera (Homoptera)
- IPOMOEA:**
Cylas formicarius (Coleoptera)
Cylas formicarius var. (Coleoptera)
Cylas formicarius elegantulus (Coleoptera)
Cylas puncticollis (Coleoptera)
Cylas turcippennis (Coleoptera)
Euscepes postfasciatus (Coleoptera)
Palaeopus costicollis (Coleoptera)
- JACARANDA:**
Xyleborus fuscatus (Coleoptera)
- JASMINUM:**
Aonidiella inornata (Homoptera)
- JUGLANS:**
Lophocateres pusillus (Coleoptera)
- LACTUCA:**
Anacentrinus deplanatus (Coleoptera)
Conoderus lividus (Coleoptera)
Disonycha politula (Coleoptera)
Empoasca abrupta (Homoptera)
Empoasca batatae (Homoptera)
Geocoris sonoraensis (Hemiptera)
Homophoea lustrans (Coleoptera)
- LACTUCA**—Continued.
Leptophobia aripa (Lepidoptera)
Ligyrocoris aurivilliana (Hemiptera)
Nabis dentipes (Hemiptera)
Phyllotreta pusilla (Coleoptera)
- LAELIA**—See Orchidaceae
- LAGERSTROEMIA:**
Dysdercus mimulus (Hemiptera)
- LATHYRUS:**
Frankliniella fortissima (Thysanoptera)
- LAURUS:**
Aonidia lauri (Homoptera)
Chrysomphalus personatus (Homoptera)
- LEMAIREOCEREUS**—See Cactaceae
- LITCHI:**
Ceroptastes rubens (Homoptera)
- LYCICERA:**
Protopulvinaria pyriformis (Homoptera)
- LYCASTE**—See Orchidaceae
- LYCOPERSICON:**
Amphicerus cornutus (Coleoptera)
Callidium antennatum hesperum (Coleoptera)
Dacus cucurbitae (Diptera)
Dicyphus minimus (Hemiptera)
Dorytomus brevisetosus (Coleoptera)
Epinotia opposita (Lepidoptera)
Gnathotrichus aciculatus (Coleoptera)
Gnathotrichus denticulatus (Coleoptera)
Gnortmoschema gudmannella (Lepidoptera)
Heliodines bella (Lepidoptera)
Keijeria lycopersicella (Lepidoptera)
Leucinodes elegantalis (Lepidoptera)
Lineodes integra (Lepidoptera)
Lorita abornana chatka (Lepidoptera)
Pilophoropsis brachypterus (Hemiptera)
Platynota stultana (Lepidoptera)
Xyleborus confusus (Coleoptera)
Xyleborus propinquus (Coleoptera)
- MALUS:**
Anastrepha ludens (Diptera)
Ceratitidis capitata (Diptera)
Rhagoletis pomonella (Diptera)
- MAMMEA:**
Anastrepha serpentina (Diptera)
Aspidiotus spinosus (Homoptera)
- MAMMILLARIA**—See Cactaceae
- MANGIFERA:**
Anastrepha ludens (Diptera)
Anastrepha mombinpraepotans (Diptera)
Ceratitidis capitata (Diptera)
Pseudaonidia trilobuliformis (Homoptera)
Sternonchelus mangiferae (Coleoptera)
- MANIHOT:**
Lepidosaphes alba (Homoptera)
- MARSDENIA:**
Niveaspis fenestrata (Homoptera)
- MEDICAGO:**
Colias eurytheme (Lepidoptera)
Draeculacephala minerva (Homoptera)
Epilachna varivestis (Coleoptera)
- MENTHA:**
Phenacoccus gossypii (Homoptera)
- MILTONIA**—See Orchidaceae
- MIMULUS:**
Pagiocerus rimosus (Coleoptera)
- MUCUNA:**
Dynatopechus aureopilosus (Coleoptera)
- MUSA PARADISIACA:**
Eumecosomyia nubilata (Diptera)
Platynota rostrana (Lepidoptera)
- MUSA PARADISIACA SAPIENTUM:**
Adranethrips tibialis (Thysanoptera)
Aspidiotus destructor (Homoptera)
Metamasius sericeus (Coleoptera)
Pinnaspis minor strachani (Homoptera)
Stolas illustris (Coleoptera)
- MUSCARI:**
Bouhelia maroccana (Homoptera)
- MYRISTICA:**
Nysius scutellatus (Hemiptera)
- MYRICARIA:**
Pseudaonidia clavigera (Homoptera)
- MYRTILLOCACTUS**—See Cactaceae
- NARCISSUS:**
Endrosia lacteella (Lepidoptera)

Hosts and insects—Continued

NERIUM:

Haplothrips gowdeyi (Thysanoptera)

ODONTOGLOSSUM—See Orchidaceae

ONCIDIUM—See Orchidaceae

ORMOSIA:

Stephanoderes trinitatis (Coleoptera)

ORNITHOGALUM:

Haplothrips nigricornis (Thysanoptera)

ORYZA:

Chilo simplex (Lepidoptera)

Corcyra cephalonica (Lepidoptera)

ORCHIDACEAE:

Acerolophus fervidus (Lepidoptera)

Aeolus pulchellus (Coleoptera)

Anaphothrips orchidaceus (Thysanoptera)

Anaphothrips orchidii (Thysanoptera)

Anastrepha striata (Diptera)

Aonidiella eremocitri (Homoptera)

Aspidiotus diffinis (Homoptera)

Asterolecanium epidendri (Homoptera)

Capaneus odiosus (Hemiptera)

Chrysomphalus nulliporus (Homoptera)

Chrysomphalus umboniferus (Homoptera)

Clerada apicicornis (Hemiptera)

Conchaspis angraci (Homoptera)

Conotrachelus naso (Coleoptera)

Cryphula apicatus (Hemiptera)

Cryphula fasciatus (Hemiptera)

Cryptamorphia desjardinsi (Coleoptera)

Deloyala guttata (Coleoptera)

Empoasca phaseola (Homoptera)

Eucalandra setulosa (Coleoptera)

Eurycippitia testitus (Hemiptera)

Eurytoma orchidearum (Hymenoptera)

Exptochiomeria tumens (Hemiptera)

Furcaspis biformis (Homoptera)

Galgupha punctifera (Hemiptera)

Gonatas typicus (Hemiptera)

Hercinothrips femoralis (Thysanoptera)

Lamprosema schistosematis (Lepidoptera)

Lepidosaphes tuberculata (Homoptera)

Leucaspis cockerelli (Homoptera)

Lygyrocoris aurivilliana (Hemiptera)

Lygaeus viltiscutis (Hemiptera)

Melanaspis aliena (Homoptera)

Mordellistena cattleyana (Coleoptera)

Morganella longispina (Homoptera)

Myodocha intermedia (Hemiptera)

Myodocha unispinosa (Hemiptera)

Nasutitermes cornigera (Isoptera)

Neuroctenus litigiosus (Hemiptera)

Ogdoecosta biannularis (Coleoptera)

Opatrinus gemellus (Coleoptera)

Orchidophilus aterrimus (Coleoptera)

Orchidophilus peregrinator (Coleoptera)

Pachycoris torridus var. (Hemiptera)

Parlatoria pseudaspidiatus (Homoptera)

Pinnaspis townsendi (Homoptera)

Pseudischnaspis alienus (Homoptera)

Pulvinaria floccifera (Homoptera)

Scirtothrips longipennis (Thysanoptera)

Taduius erikhinoides (Coleoptera)

Tenthecoris bicolor (Hemiptera)

Vinsonia stellifera (Homoptera)

PACHYCEREUS—See Cactaceae

PANICUM:

Cymus virescens (Hemiptera)

Zabrotes subfasciatus (Coleoptera)

PASSIFLORA:

Frankliniella insularis (Thysanoptera)

PASTINACA:

Psila rosae (Diptera)

PATRINIA:

Myzus ornatus (Homoptera)

PELARGONIUM:

Phenacoccus gossypii (Homoptera)

PELLICIERA:

Aspidiotus herculeanus (Homoptera)

PERSEA:

Anastrepha ludens (Diptera)

Aspidiotus destructor (Homoptera)

Aspidiotus spinosus (Homoptera)

Caulophilus latinasus (Coleoptera)

Ceratitis capitata (Diptera)

Chrysomphalus personatus (Homoptera)

Conotrachelus aguacalae (Coleoptera)

PERSEA—Continued.

Conotrachelus perseae (Coleoptera)

Conotrachelus seniculus (Coleoptera)

Euxesta stigmatias (Diptera)

Heilipus trifasciatus (Coleoptera)

Placosternus difficilis (Coleoptera)

Urodus parvula (Lepidoptera)

PHALAENOPSIS—See Orchidaceae

PHASEOLUS AUREUS:

Callosobruchus chinensis (Coleoptera)

Callosobruchus maculatus (Coleoptera)

PHASEOLUS LUNATUS MACROCARPUS:

Epinotia opposita (Lepidoptera)

Zabrotes subfasciatus (Coleoptera)

PHASEOLUS MUNGO RADIATUS:

Callosobruchus maculatus (Coleoptera)

PHASEOLUS VULGARIS:

Dacus cucurbitae (Diptera)

Zabrotes subfasciatus (Coleoptera)

PHASEOLUS SP. (string bean):

Dacus cucurbitae (Diptera)

Epilachna varivestis (Coleoptera)

Epinotia opposita (Lepidoptera)

Ligyrocoris aurivilliana (Hemiptera)

Marcia testulalis (Lepidoptera)

Urbanus proteus (Lepidoptera)

PHOENIX:

Parlatoria blanchardi (Homoptera)

PHYSALIS:

Cylas formicarius elegantulus (Coleoptera)

Gnorimoschisma laevellana (Lepidoptera)

Heliothis subflexa (Lepidoptera)

PINUS:

Aonidia pinicola (Homoptera)

Chapuisia mexicana (Coleoptera)

Pityophthorus schwarzi (Coleoptera)

PIPER:

Aonidiella inornata (Homoptera)

PISUM:

Bruchus emarginatus (Coleoptera)

Zabrotes subfasciatus (Coleoptera)

PITHECELLOBIUM:

Acanthoscelides flexicaulis (Coleoptera)

Acanthoscelides julianus (Coleoptera)

Acanthoscelides limbatus (Coleoptera)

Myelois venipars (Lepidoptera)

PODALYRIA:

Bruchidius versicolor (Coleoptera)

POINCIANA:

Aganactes indecora (Lepidoptera)

Stephanoderes brunneus (Coleoptera)

POPULUS:

Dorytomus brevisetosus (Coleoptera)

PORTULACA:

Callosobruchus maculatus (Coleoptera)

Disonychia arizonae (Coleoptera)

Drasterius tibens (Coleoptera)

Exitanus obscurinervis (Homoptera)

Frankliniella fortissima (Thysanoptera)

Heliodines bella (Lepidoptera)

Lacon leseleuci (Coleoptera)

Lygyrocoris aurivilliana (Hemiptera)

Lygus pratensis var. (Hemiptera)

Nabis alternatus (Hemiptera)

Nabis annulatus (Hemiptera)

Phymata pennsylvanica coloradensis (Hemiptera)

Zabrotes subfasciatus (Coleoptera)

PRIMULA:

Myzus ornatus (Homoptera)

PROSOPIS:

Acanthoscelides ceratioborus (Coleoptera)

Acmaeodera gibbula delumbis (Coleoptera)

Laspeyresia membra (Lepidoptera)

PRUNUS:

Parlatoria oleae (Homoptera)

PSIDIUM:

Anastrepha mombinpraeoptans (Diptera)

Anastrepha suspensa (Diptera)

Ceratitis capitata (Diptera)

Coccus viridis (Homoptera)

PUNICA:

Anastrepha ludens (Diptera)

Caulophilus latinasus (Coleoptera)

PYRUS:

Anastrepha ludens (Diptera)

Parlatoria oleae (Homoptera)

Hosts and insects—Continued

- QUERCUS:**
Andricus championi (Hymenoptera)
Andricus mexicanus (Hymenoptera)
Biorhiza solita (Hymenoptera)
Conotrachelus integer (Coleoptera)
Dros petasum (Hymenoptera)
Forficula auricularia (Orthoptera)
- RADICULA:**
Draeculacephala minerva (Homoptera)
- RAPHANUS:**
Hettula undalis (Lepidoptera)
Phyllotreta pusilla (Coleoptera)
- RENANTHERA**—See *Orehidaceae*
- RHODODENDRON:**
Amphorophora rhododendri (Homoptera)
Dalopius marginatus (Coleoptera)
Dialeurodes chittendeni (Homoptera)
Epitrix subcrinita (Coleoptera)
Sitona lineata (Coleoptera)
- RIBES:**
Epochra canadensis (Diptera)
- RICINUS:**
Falconia caduca (Hemiptera)
- ROSA:**
Chrysomphalus personatus (Homoptera)
Coccus viridis (Homoptera)
Frankliniella cubensis (Thysanoptera)
Frankliniella insularis (Thysanoptera)
- ROYSTONEA:**
Aspidiotus destructor (Homoptera)
- SACCHARUM:**
Odonaspis saccharicaulis (Homoptera)
Pseudococcus boninensis (Homoptera)
Targionia sacchari (Homoptera)
Trionymus sacchari (Homoptera)
Xyleborus sacchari (Coleoptera)
Zabrotes subfasciatus (Coleoptera)
- SALVIA:**
Aylax salviae (Hymenoptera)
- SAMBUCUS:**
Amphicerus cornutus (Coleoptera)
Micrapate scapularis (Coleoptera)
Penocis mexicanus (Coleoptera)
Trogoxylon prostomoides (Coleoptera)
- SAPONARIA:**
Hypselonotus interruptus (Hemiptera)
- SAPOTE:**
Anastrepha ludens (Diptera)
Anastrepha serpentina (Diptera)
- SAXIFRAGA:**
Acalypta mera (Hemiptera)
- SCHEELEA:**
Caryobruchus buscki (Coleoptera)
- SCHOMBURGKIA**—See *Orehidaceae*
- SEMPERVIVUM:**
Acalypta mera (Hemiptera)
- SERJANIA:**
Dinoderus bifoveolatus (Coleoptera)
- SOIL:**
Conotrachelus integer (Coleoptera)
Curtulio q-griseae (Coleoptera)
- SOLANUM MELONGENA:**
Pachyzancla peruvialis (Lepidoptera)
- SOLANUM TUBEROSUM:**
Epicaerus cognatus (Coleoptera)
Phigopsideus tuccumanus (?) (Coleoptera)
- SOPHORA:**
Diaspis texensis (Homoptera)
Tetraleurodes acaciae (Homoptera)
- SPINACIA:**
Deloyala guttata (Coleoptera)
Lygus oblineatus var. (Hemiptera)
Nabis alternatus (Hemiptera)
- SPONDIAS:**
Aspidiotus herculeanus (Homoptera)
- STANHOPEA**—See *Orehidaceae*
- SWIETENIA:**
Hyppipyla grandella (Lepidoptera)
Lygaeus guatemalanus (Hemiptera)
Platypus rugulosus (Coleoptera)
Taphroderes sezmaculatus (Coleoptera)
Tesseroerces dejeani (Coleoptera)
Tetraprocerus longicornis (Coleoptera)
Xyleborus affinis (Coleoptera)
Xyleborus confusus (Coleoptera)
Xyleborus propinquus (Coleoptera)
Xyleborus torquatus (Coleoptera)
Xylion adustus (Coleoptera)
- SYMPLOCARPUS:**
Forficula auricularia (Orthoptera)
- TABEBUIA:**
Acanthoderes circumflexa (Coleoptera)
Brentus anchorago (Coleoptera)
Brentus mexicanus (Coleoptera)
Cossonus canaliculatus (Coleoptera)
Laemophloeus suturalis (Coleoptera)
Nemocephalus guatemalensis (Coleoptera)
Platypus exaratus (Coleoptera)
Platypus rugulosus (Coleoptera)
Tesseroerces dejeani (Coleoptera)
Xyleborus affinis (Coleoptera)
Xyleborus confusus (Coleoptera)
Xyleborus propinquus (Coleoptera)
Xyleborus subaffinis (Coleoptera)
- TABERNAEMONTANA:**
Dialeurodes kirkaldyi (Homoptera)
- TAMARINDUS:**
Caryedon fuscus (Coleoptera)
- TERMINALIA:**
Aspidiotus destructor (Homoptera)
Elaphidion irroratum (Coleoptera)
Leptostylus argenteus (Coleoptera)
Pseudanidia trilobitiformis (Homoptera)
- TETRAPLEURA:**
Callosobruchus maculatus (Coleoptera)
- THEOBROMA:**
Corcyra cephalonica (Lepidoptera)
- THUJA:**
Cinara tujaefilina (Homoptera)
- TILLANDSIA:**
Monanthia monotropidia (Hemiptera)
- TRITICUM:**
Zabrotes subfasciatus (Coleoptera)
- TULIPA:**
Myzus ornatus (Homoptera)
- ULMUS:**
Clytus arietis (Coleoptera)
Pteleobius vittatus (Coleoptera)
Salpingus planirostris (Coleoptera)
Scolytus multistriatus (Coleoptera)
- VANDA**—See *Orehidaceae*
- VICIA:**
Bruchus dentipes (Coleoptera)
Bruchus dentipes ochraceosignatus (Coleoptera)
Bruchus hamatus (Coleoptera)
- VIGNA:**
Callosobruchus maculatus (Coleoptera)
Zabrotes subfasciatus (Coleoptera)
- VITIS:**
Pantomorus xanthographus (Coleoptera)
Saulaspis graphica (Coleoptera)
- VOANDZELA:**
Callosobruchus subinnotatus (Coleoptera)
- ZEAL:**
Agrotis retusta (Lepidoptera)
Callosobruchus maculatus (Coleoptera)
Chirotrips aculeatus (Thysanoptera)
Conotrachelus seniculus (Coleoptera)
Eumecosomyia nubila (Diptera)
Euzesta sororcula (Diptera)
Euzesta stigmatias (Diptera)
Moodna bisinuella (Lepidoptera)
Pagiocerus rimosus (Coleoptera)
- ZINGIBER:**
Platyomus lividigaster (Coleoptera)

Hosts unknown

- BAG CONTAINING AVOCADOS:
Xylobius texanus (Coleoptera)
- EXCELSIOR IN BOX OF GRAPES:
Heteroderes rufangulus (Coleoptera)
- FLOWERS:
Cyrtopeltis varians (Hemiptera)
Draeculacephala minerva (Homoptera)
Erynephala puncticollis (Coleoptera)
Metritrona profligata (Coleoptera)
- GRASS SEED:
Mecidea proliza (Hemiptera)
- HAY:
Hypera meles (Coleoptera)
Hypera nigrirostris (Coleoptera)
- HERB:
Erynephala puncticollis (Coleoptera)
Melusina regelationis (Hemiptera)
- LOG:
Prentus anchorago (Coleoptera)
Calydon submetallicum (Coleoptera)
Platypus rugulosus (Coleoptera)
Xyleborus propinquus (Coleoptera)
- PACKING:
Drymus sylvaticus (Hemiptera)
- PACKING—Continued.
Nabis punctipennis (Hemiptera)
- PALM:
Aspidiotus destructor (Homoptera)
- PLANT:
Aleurotrachelus trachoides (Homoptera)
- SUCCULENT:
Eumysia maculicula (Lepidoptera)
- VEGETABLES:
Erynephala puncticollis (Coleoptera)
- WOOD:
Amphicerus cornutus (Coleoptera)
Heterobostrychus aequalis (Coleoptera)
Micrapate scapularis (Coleoptera)
Microcerotermes exiguus (Isoptera)
Neoclytus rufus (Coleoptera)
Platypus rugulosus (Coleoptera)
Penocis mexicanus (Coleoptera)
Sinorylon anale (Coleoptera)
Sinorylon conigerum (Coleoptera)
Sinorylon sedentatum (Coleoptera)
Tetrapriocera longicornis (Coleoptera)
Trogorylon prostomoides (Coleoptera)

Country of origin and insects

- ALGERIA:
Callosobruchus maculatus
Callosobruchus subinnotatus
- AMERICAN VIRGIN ISLANDS:
Pectinophora gossypiella
Vinsonia stellifera
- ANTIGUA:
Asterolecanium miltaris longum
Pectinophora gossypiella
- ARGENTINA:
Anastrepha fraterculus
Cylas formicarius elegantulus
Disomyia argentinensis
Epilachna varivestis
Heteroderes rufangulus
Pantomorus xanthographus
Parlatoria cinerea
Parlatoria oleae
Saulaspis graphica
- AUSTRALIA:
Anaphothrips orchidii
Lophocateres pusillus
Morganella longispina
Trionymus sacchari
- BAHAMAS:
Coccus viridis
Frankliniella insularis
Furcaspis biformis
Haplothrips gowdeyi
Parlatoria cinerea
Pseudococcus boninsis
Targionia sacchari
- BARBADOS:
Asterolecanium miltaris robustum
Chrysomphalus personatus
- BELGIAN CONGO:
Phizopagus dominica
- BERMUDA:
Frankliniella insularis
Haplothrips gowdeyi
Protopulvinaria pyrifomis
- BRAZIL:
Anastrepha fraterculus
Anastrepha serpentina
Asterolecanium epidendri
Colpocarena complanata
Conchaspis angracii
Corcyra cephalonica
Eurytoma orchidearum
Euscepes postfasciatus
Hypsilonotus interruptus
Mordellistena cattleyana
Parlatoria cinerea
Pectinophora gossypiella
Pseudaonidia trilobitiformis
Tenthoris bicolor
Xyleborus fuscatus
- BRITISH COLUMBIA:
Amphophora rhododendri
Myzus ornatus
Sitona lineata
- BRITISH GUIANA:
Caryedon fuscus
Stephanoderes trinitatis
- BRITISH HONDURAS:
Lepidosaphes alba
Stolas illustris
- BRITISH WEST INDIES:
Furcaspis biformis
- CANADA:
Acalypia mera
Epitrix subcinnita
Forficula auricularia
Lophocateres pusillus
Myzus ornatus
Nabis alternatus
Nemopogon granella
Stephanoderes hampei
- CANAL ZONE:
Acanthoderes circumflexa
Acanthoscelides alticola
Aspidiotus diffinis
Aspidiotus herculeanus
Caryobruchus buscki
Coccus viridis
Conchaspis angracii
Epinotia opposita
Frankliniella cephalica
Furcaspis biformis
Haplothrips gowdeyi
Mordellistena cattleyana
Phelomerus aberrans
Platypus rugulosus
Pseudaonidia clavigera
Tenthoris bicolor
Vinsonia stellifera
- CHILE:
Calydon submetallicum
Nabis punctipennis
- CHINA:
Callosobruchus maculatus
Ceroplastes rubens
Cylas formicarius elegantulus
Fulvius brevicornis
- COLOMBIA:
Acanthoscelides dominicanus
Acrolophus fereidus
Anaphothrips orchidaceus
Anastrepha serpentina
Asterolecanium epidendri
Clerada apicicornis
Conotrachelus naso
Corcyra cephalonica
Cryphula fasciatus

Country of origin and insects—Continued

COLOMBIA—Continued.

Eucalandra setulosa
Eurytoma orchidearum
Furcaspis biformis
Gonatas typicus
Maruca testulalis
Mordellistena cattleyana
Nasutitermes cornigera
Pagiocerus rimosus
Tenthecoris bicolor

COSTA RICA:

Asterolecanium bambusae
Asterolecanium epidendri
Chrysomphalus umboniferus
Heilipus trifasciatus
Leucaspis cockerelli
Myelois ceratoniae
Nasutitermes cornigera
Platypus alternans
Platypus rugulosus
Pseudischinaspis alienus
Stilodes fuscolineata
Taphroderes sezmaculatus
Tenthecoris bicolor
Tesserocerus dejeani
Xyleborus affinis
Xyleborus confusus
Xyleborus fuscatus
Xyleborus torquatus
Zabrotes subfasciatus

CUBA:

Adraneothrips tibialis
Aleurocanthus woglumi
Anastrepha mombinpraeoptans
Aspidiotus destructor
Aspidiotus spinosus
Asterolecanium bambusae
Asterolecanium miltaris
Ceratocapsus cubanus
Coccus viridis
Conoderus laurenti
Crocosema plebeiana
Cylas formicarius
Cylas formicarius elegantulus
Cyrtopeltis varians
Elaphidion irroratum
Eumecozomyia nubila
Euscapes postfasciatus
Frankliniella cubensis
Gynaikothrips uzeli
Haplothrips gowdeyi
Helicula phidilealis
Heteroderes laurenti
Homalopalpia dalera
Keiferia lycopersicella
Lepidosaphes alba
Leptostylus argentatus
Lineodes integra
Liriomyza flaveola
Ora setilineata
Pachnaeus litus
Pachyzancla periusalis
Phenacoccus gossypii
Phyllotreta vittata discedens
Platynota rostrana
Pseudococcus boninsis
Pulvinaria urticae
Ribua innoria
Systema basalis
Targionia bromelae
Targionia hartii
Targionia sacchari
Xyleborus confusus

CYPRUS:

Aonidia lauri
Aylax salicis

DOMINICA:

Maruca testulalis

DOMINICAN REPUBLIC:

Acanthoscelides dominicanus
Anastrepha mombinpraeoptans
Aspidiotus destructor
Aspidiotus herculeanus
Coccus viridis
Cylas formicarius
Cylas formicarius var.
Cylas formicarius elegantulus

DOMINICAN REPUBLIC—Continued.

Phenacoccus gossypii
Protopulvinaria puriformis

DUTCH EAST INDIES:

Acanthoscelides ceratioborus
Acanthoscelides dominicanus
Caryedon fuscus
Laemotmectus rhizophagoides
Lyctoxylon japonum
Prays endocarpa

DUTCH GUIANA:

Corecra cephalonica
Euscapes postfasciatus
Maruca testulalis

DUTCH WEST INDIES:

Acanthoscelides dominicanus
Cymus rirescens
Furcaspis biformis

ECUADOR:

Aleurotrachelus trachoides
Corecra cephalonica

ENGLAND:

Anaphothrips orchidaceus
Argyrotoza conwayana
Ceutorhynchus pleurostigma
Ceutorhynchus quadridens
Clytus arietis
Dalopius marginatus
Dialeurodes chittendeni
Dryinus sylvaticus
Hercinotrips femoralis
Hofmannophila pseudospretella
Leperisinus fraxini
Lepidosaphes tuberculata
Melusina regelationis
Myzus ornatus
Pionea forcicalis
Psila rosae
Pteleobius vittatus
Pulvinaria floccifera
Salpingus planirostris
Scirtothrips longipennis
Scolytus multistriatus
Trionymus peregrinus

FRENCH INDO-CHINA:

Heterobostrychus aequalis

GOLD COAST:

Xylion adustus

GUADELOUPE:

Nysius scutellatus

GUATEMALA:

Aleuroplatus coccolus
Anastrepha ludens
Aspidiotus destructor
Asterolecanium bambusae
Asterolecanium epidendri
Brentus anchorago
Brentus mexicanus
Chrysomphalus umboniferus
Cossonus canaliculatus
Eriococcus araucariae
Eurycipitia vestitus
Glyptopygia grandella
Laemophloeus suturalis
Leptopharsa distantis
Lygaeus guatemalanus
Lygaeus vittiscutis
Mcclanaspis aliena
Nemophthalmus guatemalensis
Neuroctenus litigiosus
Odonaspis saccharicaulis
Physonota picticollis
Platypus exaratus
Platypus rugulosus
Phobonda gaurisana
Tesserocerus dejeani
Tetraleurodes fici
Xenochalepus omoger
Xyleborus confusus
Xyleborus propinquus
Xyleborus subaffinis
Zabrotes subfasciatus

HAITI:

Anastrepha mombinpraeoptans
Xyleborus sacchari

HAWAII:

Acanthoscelides limbatus

Country of origin and insects—Continued

HAWAII—Continued.

Acanthoscelides pruininus
Aonidiella inornata
Caryedon fuscus
Ceratitis capitata
Ceroplastes rubens
Chaetococcus bambusae
Coccuviridis
Cosmolyce boeticus
Dacus cucurbitae
Diocalandra taitensis
Dynatopeckus aureopilosus
Ereunetes flavistriata
Euscepes postfasciatus
Haplothrips goudeti
Lepidosaphes auriculata
Lepidosaphes uniloba
Maruca testulalis
Odonaspis greeni
Parlatoria crotonis
Pectinophora gossypiella
Phenacaspis eugeniae sandwicensis
Platyomus lividigaster
Pseudoniaidia clavigera
Pseudoniaidia tessera
Ripersia palmarum
Sternonchus mangiferae
Taeniothrips hawaiiensis

HONDURAS:

Eurycipitia vestitus
Galgupha punctifer
Leucaspis cockerelli
Neoclytus cacticus
Palaeopus costicollis
Tesserocerus dejeani
Toxotrypana curvicauda
Xyleborus affinis
Xyleborus confusus
Xyleborus propinquus

ICELAND:

Psila rosae

INDIA:

Bruchus emarginatus
Callosobruchus chinensis
Dinoderus pilifrons
Heterobostrychus aequalis
Parlatoria pseudaspidotus
Sinoxylon anale
Sinoxylon conigerum

IRAN:

Bruchus dentipes
Bruchus dentipes ochraceosignatus
Bruchus emarginatus
Parlatoria blanchardi

IRELAND:

Endrosis lacteella

JAMAICA:

Acanthoscelides dominicanus
Anastrepha mombinpraeoptans
Diaspis cocois
Targionia sacchari

JAPAN:

Aleurotrachelus camelliae
Bruchidius dorsalis
Chilo simplex
Chionaspis yanonensis
Cinara tujafilina
Dynatopeckus aureopilosus
Laspeyresia splendana
Parlatoria pseudaspidotus
Pinaspis townsendi

JAVA:

Cylas turcipennis
Heterobostrychus aequalis
Laemotmetus rhizophoroides
Lyctoxylon japonum
Pseudoniaidia trilobitiformis

MALAYA (British):

Dinoderus bifoveolatus
Sinoxylon anale
Xylophorus capucinus

MARTINIQUE:

Pseudoniaidia trilobitiformis
Vinsencia stellifera

MEXICO:

Acanthoscelides dominicanus
Acanthoscelides flexicaulis

MEXICO—Continued.

Acanthoscelides julianus
Acanthoscelides sallaei
Aceratagallia nana
Aceratagallia pallida
Aceratagallia robusta
Acmaeodera gibbula delumbis
Acroleucus vicinalis
Acrosternum stictica
Acolus pulchellus
Agromyza virens
Agrotis velusta
Allocoris incognita
Alpheias conspurata
Amphicerus cornutus
Anacentrinus deplanatus
Anastrepha ludens
Anastrepha serpentina
Andricus championi
Andricus mexicanus
Areolius albopunctatus
Aspidiulus spinosus
Biorhiza solida
Brentus anchorago
Brentus mexicanus
Bucculatrix thurberiella
Callidium antennatum hesperum
Callosobruchus maculatus
Carneiocephala sagittifera
Caulophilus latinasus
Chapuisia mexicana
Chirothrips aculeatus
Chrysomphalus personatus
Colias eurytheme
Conchyloides oculalis
Conoderus lividus
Conotrachelus aguacatae
Conotrachelus integer
Conotrachelus perseae
Conotrachelus seniculus
Cossonus canaliculatus
Cossonus impressus var.
Crocoseoma plebeiana
Curculio g-griseae
Cylas formicarius
Cylas formicarius elegantulus
Cylindrocopturus biradiatus
Cyrtopeltis varians
Deloyala guttata
Deloyala lecontei
Diaspis texensis
Dicyphus minimus
Diphaulaca cordobae
Disonychia antennata
Disonychia arizonae
Disonychia politula
Dorytomus brevisetosus
Draculacephala minerva
Drasterius livens
Dros petasum
Dysdercus mimulus
Eburia brevispinis
Elaphrothrips dampfi
Empoasca abrupta
Empoasca batatae
Empoasca phaseola
Epicaerus cognatus
Epilachna varivestis
Epinotia opposita
Epocha canadensis
Eyrnephala puncticollis
Eumecosomyia nubila
Eumysia maculicula
Euphoria terni
Eurycipitia vestitus
Eurytoma orchidearum
Fuschistus obscurus
Euxesta sororcula
Euxesta stigmatis
Eritianus obscurinervis
Falconia caduca
Frankliniella cephalica
Frankliniella cubensis
Frankliniella fortissima
Fulvius bisetellatus
Galgupha punctifer
Geocoris sonoriensis

Country of origin and insects—Continued

MEXICO—Continued.

Gerstaeckeria mutillaria
Gnathotrichus aciculatus
Gnathotrichus denticulatus
Gnorimoschema gudmannella
Gnorimoschema lavernella
Haplothrips gowdeyi
Heliodines bella
Heliothis subflera
Hellula phidilealis
Hellula undalis
Heraeus guttatus
Homona patulana
Homophoea lustrans
Hypselonotus fulvus
Hyposoprora nogolata
Keiseria lycopersicella
Lacon leseleuci
Laspeyresia membrana
Leptodaphnes philococcus
Leptophobia arripa
Leucinodes elegantialis
Lichtensia lutea
Ligyrocoris auricilliana
Ligyrocoris nitidicollis
Lineodes integra
Lineodes triangulalis
Lorita abornana chatka
Lygus oblineatus var.
Lygus pratensis var.
Macroductylus mexicanus
Maruca testulalis
Metamasius callizona
Mettriona profligata
Micrapate scapularis
Monanthia monotropidia
Moneilema opuntiae
Moodna bisinuella
Myelois venipars
Myodocha intermedia
Myodocha unispinosa
Nabis alternatus
Nabis annulatus
Nabis dentipes
Ogdocosta biannularis
Opstus stactogalus
Pachycoris torridus var.
Pectinophora gossypiella
Phaedon purpurea
Phenacoccus gossypii
Phyllotreta pusilla
Phymata pennsylvanica coloradensis
Pilophoropsis brachypterus
Pityophthorus schwarzi
Placosternus difficilis
Platynota rostrana
Platynota stultana
Platypus rugulosus
Polymerus basalis
Protopulvinaria pyriformis
Pseudischnaspis alienus
Pseudococcus boninensis
Puto mexicanus
Renosis mexicanus
Rhagoletis pomonella
Rhopalothrips bicolor
Sisamnes contractus
Stephanoderes brunneus
Tachiothrips simplex
Talponia batesi
Teleonemia scrupulosa
Tenthecoris bicolor
Tetraleurodes caciae
Tetraopes femoratus texanus
Tetraprocera longicornis
Trogaxylon prostomoides
Urbanus proteus
Urodus parvula
Xyleborus affinis
Xyleborus confusus
Xyleborus propinquus
Xyleborus torquatus
Xylobiops texanus
Zabrotes subsacatus

MOROCCO (French):
Bouhetia maroccana

NEVIS:

Caryedon fuscus

NEWFOUNDLAND:

*Hypera meles**Hypera nigristris*

NICARAGUA:

*Microcerotermes exiguus**Nasutitermes cornigera*

NOVA SCOTIA:

*Aleuroplatus myricae**Tetraleurodes ursorum*

PALESTINE:

Parlatoria cinerea

PANAMA:

*Aspidiotus destructor**Aspidiotus herculeanus**Coccus viridis**Furcaspis biformis**Metamasius sericeus**Nemocephalus guatemalensis**Neoclytus cacticus**Platypus rugulosus*

PERU:

*Acanthoscelides ceratioborus**Amblycerus piurae**Anaphothrips orchidaceus*;*Cosmogramma angustofasciata**Dinoderus blyceolatus**Eurytoma orchidearum**Euscepes postfasciatus**Nitaspis fenestrata**Paglocerus rimosus*?*Rhigopsidius lucumanus*?*Zabrotes subsacatus*

PHILIPPINES:

*Aonidiella inornata**Callosobruchus chinensis**Callosobruchus maculatus**Chrysomphalus nulliporus**Morganella longispina**Orchidophilus peregrinator**Parlatoria pseudaspidiotus**Pinnaspis townsendi**Prays endocarpa**Sinoxylon anale**Tadius erikinoideus*

PORTUGAL:

*Aonidia pinicola**Ceratitidis capitata**Coccotrypes dactyliperda**Forficula auricularia**Laspeyresia splendana**Sinoxylon seridentatum*

PUERTO RICO:

*Anastrepha mombinpraeoptans**Anastrepha suspensa**Callosobruchus chinensis**Coccus viridis**Cylas formicarius elegantulus**Euscepes postfasciatus**Hellula phidilealis**Maruca testulalis**Pectinophora gossypiella**Targionia sacchari*

ST. LUCIA:

Aganactes indecora

ST. VINCENT:

Anastrepha mombinpraeoptans

SALVADOR:

*Acanthoscelides dominicanus**Asterolecanium aureum**Pseudischnaspis alienus*

SCOTLAND:

*Ceutorhynchus pleurostigma**Melusina annulata**Micretus ericae**Taeniothrips ericae*

SPAIN:

Aonidia lauri

STRAITS SETTLEMENTS:

Dinoderus blyceolatus

SUMATRA:

*Parlatoria pseudaspidiotus**Pinnaspis townsendi*

TAHITI:

Dialeurodes kirkaldyi

Country of origin and insects—Continued

THAILAND:

Aonidiella eremocitri
Orchidophilus aterrimus
Pinnaspis townsendi

TRINIDAD:

Aganactesis indecora
Chrysomphalus personatus
Cryptamorpha desjardinsi
Euscepes postfasciatus
Furcaspis biformis
Hellula phidilealis
Maruca testulalis
Neoclytus rufus
Palacopus costicollis
Parlatoria cinerea
Phelomerus aberrans
Pinnaspis minor strachani
Pseudococcus boninsis
Targionia hartii
Tenthecoris bicolor

UNION OF SOUTH AFRICA:

Anuraphis apifolia
Bruchidius versicolor
Chinoaspis diosmae
Cylas puncticollis
Haplothrips nigricornis
Mecidea proliza
Pseudococcus gahani
Sphatulina hessi
Specularius erythrinae
Targionia hartii

UNION OF SOUTH AFRICA—Continued.

Zabrotes subfasciatus

UNION OF SOVIET SOCIALIST REPUBLICS

Bruchus hamatus

UNKNOWN:

Anastrepha ludens
Anastrepha mombinpraeoptans

VENEZUELA:

Acanthoscelides dominicanus
Anastrepha striata
Aspidiotus lerculeanus
Asterolecanium epidendri
Capaneus odiosus
Chrysomphalus umboniferus
Clerada apicicornis
Coccus viridis
Cryphala apicatus
Eurycipitia vestitus
Eurytoma orchidearum
Erpochiamera tumens
Furcaspis biformis
Lamprosema schistisemalis
Mordellistena cattieyana
Opatrinus gemellus
Platypus rugulosus
Protopulvinaria pyriformis
Tenthecoris bicolor

VIRGIN ISLANDS:

Euscepes postfasciatus

WEST INDIES:

Targionia hartii

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive

[All finding marked with an asterisk indicate State inspection]

Disease and host	Country of origin	Number of inter-ceptions in—			Collected in—
		Con-sump-tion	Non-en-try	Prop-aga-tion	
<i>Albugo bliti</i> (Biv.) Kuntze:					
<i>Chenopodium album</i> (pigweed)	Mexico	1			Tex.
<i>Alternaria brassicae microspora</i> Brun.:					
<i>Cucumis melo</i> (melon)	Chile	1			N. Y.
<i>Cucumis melo</i> var. (honeydew)	do.	4			N. Y.
<i>Alternaria citri</i> Pierce:					
<i>Citrus limon</i> (lemon)	Union of South Africa		1		N. Y.
<i>Alternaria fasciculata</i> (Cke. & Ell.) L. R. Jones & Grout:					
<i>Capicum annuum</i> (pepper)	Brazil		1		Pa.
<i>Alternaria tenuis</i> Nees:					
<i>Viola</i> sp. (pansy)	England			1	N. J.
<i>Aphelenchoides limberi</i> Steiner:					
<i>Pastinaca sativa</i> (parsnip)	do.		1		Pa.
<i>Ascochyta imperfecta</i> Pk.:					
<i>Medicago sativa</i> (alfalfa)	New Zealand		1		N. Y.
<i>Asterina delitescens</i> Ell. & Martin:					
<i>Persea</i> sp.	Mexico	1			Tex.
<i>Bacterium citri</i> (Hasse) Doidge:					
<i>Citrus aurantifolia</i> (lime)	Ceylon, Philippines		2		Calif.,* Mass.
<i>Citrus limon</i> (lemon)	Java, Philippines		3		Calif.,* Mass., N. Y.
<i>Citrus sinensis</i> (orange)	Unknown		1		N. Y.
<i>Bacterium lachrymans</i> Sm. & Bryan:					
<i>Cucumis sativus</i> (cucumber)	Mexico	1			Tex.
<i>Bacterium punctilans</i> Bryan:					
<i>Lycopersicon esculentum</i> (tomato)	do.	6			Ariz.
<i>Balanisia sclerotica</i> (Pat.) Hoehn.:					
<i>Heteropogon contortus</i> (tanglehead)	Straits Settlements	1			N. Y.
<i>Botryosphaeria ribis</i> Gross. & Dugg.:					
<i>Persea americana</i> (avocado)	Mexico	3			Tex.
<i>Botrytis narcissicola</i> Kleb.:					
<i>Narcissus</i> sp.	Canada, England, Ire-land.			10	N. J.
<i>Botrytis squamosa</i> J. C. Walker:					
<i>Allium sativum</i> (garlic)	Chile		1		N. Y.
<i>Ceratostomella ulmi</i> Buisman:					
<i>Ulmus</i> sp. (elm)	England	2			N. Y.
<i>Cercospora althaeina</i> Sacc.:					
<i>Gossypium</i> sp. (cotton)	Mexico	1			Tex.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive—
Continued

Disease and host	Country of origin	Number of inter- ceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Cercospora angreci</i> Roum.:	England			5	N. J.
<i>Odontoglossum</i> (orchid)	Mexico	1			Tex.
<i>Oncidium</i> sp. (orchid)	do			1	Tex.
<i>Sobralia</i> sp. (orchid)	do				
<i>Cercospora celosiae</i> Syd.:	do	1			Tex.
<i>Celosia</i> sp. (cockscorn)	do				
<i>Cercospora musae</i> Zimm.:	American Virgin Islands,	157	12		La., Md.,
<i>Musa paradisiaca sapientum</i> (banana)	Costa Rica, Cuba,				Mass., N. Y.,
	Dominican Republic,				Tex.
	Guatemala, Haiti,				
	Honduras, Jamaica,				
	Mexico, Panama,				
	Puerto Rico, Vene-				
	zuela.				
<i>Cercospora rhododendri</i> March & Verpl.:	Canada			1	Wash.
<i>Rhododendron</i> sp.	Guatemala, Mexico	2			Tex.
<i>Cercospora richardiae</i> Aik.:	Guatemala, Mexico				
<i>Zantedeschia aethiopica</i> (callalily)	Mexico	1			Tex.
<i>Cercospora ricinella</i> Sacc. & Berl.:	Mexico				
<i>Ricinus communis</i> (castorbean)	do				
<i>Cerebella andropogonis</i> Ces.:	Rhodesia			1	D. C.
<i>Panicum mosambicensis</i>	Australia			2	N. Y.
<i>Paspalum dilatatum</i> (Dallisgrass)	do			2	N. Y.
<i>Paspalum</i> sp.	do				
<i>Chlamydomyces palmarum</i> (Cke.) Mason:	Panama	1			N. Y.
<i>Musa paradisiaca sapientum</i> (banana)	do				
<i>Chrysomya rhododendri</i> D By.:	England			1	Calif.*
<i>Rhododendron prunifolium</i> (plumleaf azalea)	do				
<i>Cladosporium orchidearum</i> Cke. & Mass.:	do			1	N. J.
<i>Epidendrum prismatocarpus</i> (orchid)	do				
<i>Claviceps paspali</i> F. L. Stevens & J. G. Hall:	Costa Rica, Union of			2	N. Y.
<i>Paspalum dilatatum</i> (Dallisgrass)	South Africa.				
<i>Paspalum notatum</i> (bahiagrass)	Mexico			1	N. Y.
<i>Paspalum</i> sp.	Costa Rica, Cuba			2	N. Y.
<i>Coleosporium dahliae</i> Arth.:	Mexico	1		1	Tex.
<i>Dahlia</i> sp.	do				
<i>Colletotrichum cajani</i> Rangel:	Puerto Rico	1			N. Y.
<i>Cicer arietinum</i> (gram chickpea)	do				
<i>Colletotrichum miltoniae</i> Verpl.:	Costa Rica			1	Wash.
<i>Epidendrum</i> sp. (orchid)	do			1	Wash.
<i>Masdenalia</i> sp. (orchid)	England			1	N. J.
<i>Miltonia</i> sp. (orchid)	do				
<i>Colletotrichum stanhopae</i> P. Henn.:	Mexico			2	Calif.*
<i>Stanhopea bucephalus</i> (orchid)	do				
<i>Cordana musae</i> (Zimm.) Hoehn.:	Panama	1			Calif.*
<i>Musa paradisiaca sapientum</i> (banana)	do				
<i>Coryneum rhododendri</i> Schw.:	Canada			1	Wash.
<i>Rhododendron</i> sp.	Mexico	1			Ariz.
<i>Cronartium conigenum</i> Hedge. & Hunt:	do				
<i>Pinus chihuahuana</i>	Colombia			1	P. R.
<i>Cylindrocladium scoparium</i> Morg.:	do				
<i>Cattleya trianae</i> (orchid)	England	1			N. Y.
<i>Cytospora ambiens</i> Sacc.:	do	2			N. Y., Pa.
<i>Salix</i> sp. (willow)	do				
<i>Ulmus</i> sp. (elm)	do				
<i>Dematium pullulans</i> D By.:	Colombia, Venezuela			2	N. J.
<i>Cattleya</i> sp. (orchid)	do				
<i>Diaporthe batatas</i> Harter & Field:	Brazil, Chile			2	Tex.
<i>Ipomoea batatas</i> (sweetpotato)	do				
<i>Didymium difforme</i> (Pers.) Duby:	Colombia	1			N. Y.
<i>Cupressus</i> sp. (cypress)	do				
<i>Diplodia gossypina</i> Cke.:	Mexico			1	Tex.
<i>Gossypium</i> sp. (cotton)	do				
<i>Diplodia henriquesiana</i> Trav. & Spessa:	Canal Zone			1	N. J.
<i>Cattleya</i> sp. (orchid)	do				
<i>Diplodia paraphysaria</i> Sacc.:	Colombia			1	P. R.
<i>Cattleya trianae</i> (orchid)	do			1	Tex.
<i>Cattleya</i> sp.	Venezuela			2	P. R.
Orchid	Thailand			1	Calif.*
<i>Vanda caerulea</i> (orchid)	do				
<i>Diplodia suberina</i> Dur. & Mont.:	Portugal	1			N. Y.
<i>Quercus suber</i> (cork oak)	do				

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive—
Continued

Disease and host	Country of origin	Number of inter-ceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Diploscapter coronata</i> (Cobb) Cobb: <i>Solanum tuberosum</i> (potato).....	Argentina.....		1		Pa.
<i>Discosia arctocreas</i> Fr.: <i>Rhododendron</i> sp.....	England.....			1	Wash.
<i>Ditylenchus dipsaci</i> (Kuhn) Filip.: <i>Colchicum autumnale atrorubrum</i>	do.....			1	N. J.
<i>Colchicum bornmuelleri</i> (bornmueller autumn-crocus),.....	do.....			1	N. J.
<i>Colchicum speciosum</i> (showy autumn- crocus),.....	do.....			2	N. J.
<i>Hyacinthus</i> sp.....	do.....	1		1	N. Y.
<i>Narcissus</i> sp.....	do.....			6	N. J.
<i>Elsinoe australis</i> Bitanc. & Jenkins: <i>Citrus limon</i> (lemon).....	Argentina, Brazil.....		8		Md., N. Y., Tex.
<i>Citrus paradisi</i> (grapefruit).....	Brazil.....		1		Md.
<i>Citrus reticulata</i> (tangerine).....	Argentina, Brazil.....		3		Fla., La., N. Y.
<i>Citrus sinensis</i> (orange).....	do.....	1	3		Md., Mass., N. Y.
<i>Citrus</i> sp.....	Brazil.....		1		Mass.
<i>Erobasidium vaccinii</i> Fekl.: <i>Azalea</i> sp.....	Japan.....		1		Wash.
<i>Erysiporum palmyrorum</i> Sacc.: Palm.....	Argentina.....		1		N. Y.
<i>Fusarium heterosporum</i> Nees: <i>Panicum mosambicensis</i>	Rhodesia.....			1	D. C.
<i>Paspalum dilatatum</i> (Dallisgrass).....	Australia, India, Union of South Africa.....			3	Md., N. Y.
<i>Paspalum notatum</i> (bahiagrass).....	Mexico.....			1	N. Y.
<i>Paspalum</i> sp.....	Australia.....			2	N. Y.
<i>Fusarium nivium</i> E. F. Sm.: <i>Cucumis sativus</i> (cucumber).....	Mexico.....	1			Tex.
<i>Fusicladium eriobotryae</i> Cav.: <i>Eriobotrya japonica</i> (loquat).....	Portugal.....		2		N. Y.
<i>Gloeosporium aleuriticum</i> Sacc.: <i>Aleurites moluccana</i> (Candlenut-tree).....	Hawaii.....	1			Calif.*
<i>Gloeosporium oncidii</i> Oud.: <i>Oncidium sphacelatum</i> (orchid).....	Costa Rica.....			1	Calif.*
<i>Gloeosporium pelargonii</i> Cke. & Mass.: <i>Pelargonium</i> sp. (geranium).....	Bermuda.....			1	Ga.
<i>Gloeosporium rhododendri</i> Briosi & Cav.: <i>Rhododendron</i> sp.....	England.....			1	Wash.
<i>Gloeosporium stanhopeae</i> Allesch.: <i>Stanhopea wardii</i> (orchid).....	Costa Rica.....			1	Calif.*
<i>Helminthosporium avenae</i> Eidam: <i>Avena sativa</i> (oat).....	Canada.....	1			Wash.
<i>Helminthosporium curvulum</i> Sacc.: <i>Capsicum annuum</i> (pepper).....	Cuba.....	1			N. Y.
<i>Lycopersicon esculentum</i> (tomato).....	do.....		1		Pa.
<i>Helminthosporium torulosum</i> (Syd.) Ash- by: <i>Musa paradisiaca</i> (plantain).....	do.....	13			N. Y.
<i>Heterosporium ornithogali</i> Klotzsch: <i>Allium porrum</i> (leek).....	Japan.....		1		Calif.*
<i>Ornithogalum thyrsoides</i> (chinkeri- chee),.....	Union of South Africa.....	1			Mass.
<i>Hormodendron cladosporioides</i> (Fres.) Sacc. (?): Palm.....	Cuba.....		1		Pa.
<i>Hormodendron olivaceum</i> Bon.: <i>Malus sylvestris</i> (apple).....	Chile.....	1			N. Y.
<i>Hypoderma ilicinum</i> Duby: <i>Quercus</i> sp. (oak).....	Costa Rica.....			1	Calif.*
<i>Leptothyrium acerinum</i> Cda.: <i>Acer</i> sp. (maple).....	England.....			1	N. J.
<i>Lethum australiense</i> var. <i>typicum</i> Holmes: <i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	18			Ariz.
<i>Lophodermium juniperinum</i> (Fr.) DeNot.: <i>Juniperus</i> sp. (juniper).....	Hungary.....	1			N. Y.
<i>Macrophoma oncidii</i> P. Henn.: <i>Cattleya</i> sp. (orchid).....	Guatemala.....			1	P. R.
<i>Marsonia brunnea</i> (Ell. & Ev.) Sacc.: <i>Populus</i> sp. (cottonwood).....	Mexico.....	1			Tex.
<i>Melampsora medusae</i> Thum.: <i>Populus</i> sp. (cottonwood).....	Chile, Mexico.....	2			N. Y., Tex.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive—
Continued

Disease and host	Country of origin	Number of inter-ceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Melanconium hystriopsis</i> Pat.: <i>Heteropogon contortus</i> (tanglehead).....	Straits Settlements.....	1			N. Y.
<i>Meliola citricola</i> Syd.: <i>Citrus sinensis</i> (orange).....	Dominican Republic.....	1			P. R.
<i>Citrus</i> sp.....	Jamaica.....		1		Wash.
<i>Monilia sitophila</i> (Mont.) Sacc.: <i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Tex.
<i>Oidium euonymi-japonici</i> (Arcang.) Sacc.: <i>Euonymus japonicus</i> (evergreen eu- onymus).....	do.....	1			Tex.
<i>Euonymus</i> sp.....	Spain.....		1		N. Y.
<i>Penicillium gladioli</i> McCull. & Thom.: <i>Watsonia</i> sp. (buglelily).....	Union of South Africa.....			1	N. J.
<i>Peronospora pisi</i> Syd.: <i>Pisum sativum</i> (pea).....	Mexico, Portugal.....		3		N. Y., Tex.
<i>Peronospora trifoliorum</i> D By.: <i>Medicago sativa</i> (alfalfa).....	Mexico.....	1			Tex.
<i>Pestalozzia monochaeta</i> Desm.: <i>Ulmus</i> sp. (elm).....	England.....	1			Wash.
<i>Pestalozzia palmarum</i> Cke.: <i>Cocos nucifera</i> (coconut).....	Tanganyika.....		1		N. Y.
<i>Phaeobulgaris inquinans</i> (Fr.) Seaver: <i>Castanea</i> sp. (chestnut).....	England.....	1			N. Y.
<i>Phoma citricarpa</i> McAlp.: <i>Citrus limon</i> (lemon).....	Australia (?), Transvaal.....		2		Ala., Mass.
<i>Citrus paradisi</i> (grapefruit).....	Union of South Africa.....	1			Md.
<i>Citrus sinensis</i> (orange).....	Australia, Union of South Africa.....		8		Calif.* Md., N. Y.
<i>Phoma insidiosa</i> Tassi: <i>Axonopus compressus</i> (carpet grass).....	Australia.....			1	N. Y.
<i>Paspalum compressum</i>	do.....			1	N. Y.
<i>Sorghum vulgare caffrorum</i> (kafir).....	Haiti.....	1			P. R.
<i>Phoma mali</i> Schultz & Sacc.: <i>Malus sylvestris</i> (apple).....	Mexico.....	1			Tex.
<i>Phoma nebulosa</i> Mont.: <i>Pastinaca sativa</i> (parsnip).....	Australia.....		1		N. Y.
<i>Phyllachora gratissima</i> Rehm.: <i>Persea americana</i> (avocado).....	Mexico.....	2			Tex.
<i>Phyllosticta cucurbitacearum</i> Sacc.(?): <i>Cucumis sativus</i> (cucumber).....	do.....	1			Tex.
<i>Phyllosticta digitalis</i> Bellynek: <i>Digitalis purpurea</i> (foxglove).....	do.....	1			N. Y.
<i>Phyllosticta erythroxylis</i> Graziani: <i>Erythroxylon coca</i> (cocaine tree).....	Peru.....	1			N. Y.
<i>Phyllosticta marima</i> Ell. & Ev.: <i>Rhododendron</i> sp.....	Canada.....			1	Wash.
<i>Phyllosticta narcissi</i> Aderh.: <i>Narcissus</i> sp.....	Bermuda.....			1	N. Y.
<i>Phyllosticta stanhopeae</i> Allesch.: <i>Stanhopea</i> sp. (orchid).....	Peru.....			1	N. J.
<i>Physalospora campispora</i> Sacc.: <i>Stanhopea bucephalus</i> (orchid).....	Mexico.....			2	Calif.*
<i>Physalospora cattleyae</i> Maub. & Lasnier: <i>Cattleya</i> sp. (orchid).....	England.....			1	Calif.*
<i>Physalospora obtusa</i> (Schw.) Cke.: <i>Malus sylvestris</i> (apple).....	Australia.....		2		N. Y., Pa.
<i>Physalospora orchidearum</i> P. Henn.: Orchid.....	Colombia.....		1		Tex.
<i>Pleospora andropogonis</i> Niessl: <i>Heteropogon contortus</i> (tanglehead).....	Straits Settlements.....	1			N. Y.
<i>Polyporus pinsitus</i> Fr.: <i>Guaiacum officinale</i> (lignum vitae).....	Guatemala.....	1			Calif.*
<i>Pseudopeziza medicaginis</i> (Lib.) Sacc.: <i>Medicago sativa</i> (alfalfa).....	Argentina.....		1		Pa.
<i>Puccinia aristidae</i> Tracy: <i>Spinacia oleracea</i> (spinach).....	Mexico.....	2			Tex.
<i>Puccinia asparagi</i> DC.: <i>Asparagus</i> sp.....	do.....	1			Tex.
<i>Puccinia helianthi</i> Schw.: <i>Helianthus</i> sp. (sunflower).....	do.....	1			Tex.
<i>Puccinia heterospora</i> Berk. & Curt.: <i>Anoda</i> sp.....	do.....	1			Tex.
<i>Puccinia nevadensis</i> Syd.: <i>Salvia lavandulaefolia</i> (sage).....	Portugal, Spain.....	3			N. Y.
<i>Puccinia ornithogali-thyrsoides</i> Diet.: <i>Ornithogalum thyrsoides</i> (chinkerlichee).....	Union of South Africa.....	3			Mass., N. Y.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive—
Continued

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Puccinia tagetica</i> Diet. & Holw.: <i>Tagetes florida</i> (marigold).....	Mexico.....	13			Tex.
<i>Rotylenchus robustus</i> (deMan) Filip.: <i>Lactuca sativa</i> (lettuce).....	Trinidad.....		1		N. Y.
<i>Sclerotinia bulborum</i> (Wakk.) Rehm.: <i>Hyacinthus</i> sp.....	England.....			1	N. Y.
<i>Sclerotinia gladioli</i> Drayton: <i>Crocus</i> sp.....	do.....			1	N. J.
<i>Septoria anthrisci</i> Pass. & Brun.: <i>Anthriscus cerefolium</i> (saladchervil).....	Portugal.....	1			Pa.
<i>Septoria citri</i> Pass.: <i>Citrus limon</i> (lemon).....	Argentina.....		1		N. Y.
<i>Septoria dianthi</i> Desm.: <i>Dianthus</i> sp. (carnation).....	Brazil.....	1			N. Y.
<i>Septoria lactucae</i> Pass.: <i>Lactuca sativa</i> (lettuce).....	Mexico.....	1			Tex.
<i>Septoria musiva</i> Pk.: <i>Populus</i> sp. (cottonwood).....	do.....	1			Tex.
<i>Sorosporium consanguineum</i> Ell. & Ev.: <i>Aristida obtusa</i>	Union of South Africa.....			1	D. C.
<i>Sphacelotheca cruenta</i> (Kuehn) Potter: <i>Sorghum vulgare technicum</i> (broom- corn).....	Mexico.....	1			Tex.
<i>Sphacelotheca sorghicola</i> (Speg.) Zundel: <i>Sorghum vulgare technicum</i> (broom- corn).....	Argentina.....	2	1		N. Y.
<i>Sporonema camelliae</i> Earle: <i>Camellia japonica</i> (camellia).....	England.....			1	N. J.
<i>Stachylidium bicolor</i> Lk.: <i>Cattleya</i> sp. (orchid).....	do.....			1	Calif.*
<i>Stachylidium theobromae</i> Turc.: <i>Musa paradisiaca</i> (plantain).....	Cuba, Dominican Re- public, Honduras.....	20			N. Y.
<i>Musa paradisiaca sapientum</i> (banana).....	Ecuador, Guatemala, Haiti.....	3			Md., N. Y.
<i>Tilletia foetens</i> (Berk. & Curt.) Trel.: <i>Triticum aestivum</i> (wheat).....	Iran.....			1	D. C.
<i>Tilletia horrida</i> Tak.: <i>Oryza sativa</i> (rice).....	India.....		1		N. Y.
<i>Tilletia rugispora</i> Ell.: <i>Paspalum plicatulum</i> (brownseed pas- palum).....	Mexico.....	1			N. Y.
<i>Tilletia tritici</i> (Bjerk.) Wint.: <i>Triticum aestivum</i> (wheat).....	do.....	1			Ariz.
<i>Tritirachium dependens</i> Limber: <i>Pueraria thunbergiana</i> (kudzu).....	China.....	1			N. Y.
<i>Tubercularia vulgaris</i> Tode: <i>Citrus sinensis</i> (orange).....	Mexico.....		1		Pa.
<i>Uredo behnickiana</i> P. Henn.: <i>Epidendrum endresii</i> (orchid).....	England.....	1			Pa.
<i>Oncidium oblongatum</i> (orchid).....	Costa Rica.....			1	Calif.*
<i>Oncidium varicosum rogersii</i> (orchid).....	Guatemala.....			1	N. J.
<i>Uredo epidendri</i> P. Henn.: Orchid.....	Brazil.....			1	N. J.
<i>Uredo erythrozytonis</i> Grazioni: <i>Erythrozyton coca</i> (cocaine-tree).....	Cuba.....			1	N. J.
<i>Uredo guacae</i> Mayor: <i>Batemannia</i> sp. (orchid).....	Peru.....	2			N. Y.
<i>Epidendrum umbellatum</i> (orchid).....	Costa Rica.....			1	N. J.
<i>Urocystis colchici</i> (Schlecht.) Rab.: <i>Colchicum</i> sp. (autumn-crocus).....	Salvador.....			1	Calif.*
<i>Uromyces striatus medicaginis</i> (Pass.) Arth.: <i>Medicago sativa</i> (alfalfa).....	England.....			3	N. J.
<i>Ustilago rabenhorstiana</i> Kuehn: <i>Digitaria sanguinalis</i> (hairy crab- grass).....	Argentina, Mexico, Peru.....	5	2		N. Y., Tex.
<i>Venturia rhododendri</i> Tengwall: <i>Rhododendron</i> sp.....	Uruguay.....			1	Wash.
<i>Vermicularia guyana</i> Del.: <i>Cattleya dowiana</i> (orchid).....	Canada.....			1	Wash.
Orchid.....	Costa Rica.....			2	Calif.*
	Costa Rica, Mexico.....			2	N. J., Wash.

Hosts and diseases

- ACER:**
Leptothyrium acerinum (Deuteromycetes)
- ALEURITES:**
Gloeosporium aleuriticum (Deuteromycetes)
- ALLIUM PORRUM:**
Heterosporium ornithogali (Deuteromycetes)
- ALLIUM SATIVUM:**
Potrytis squamosa (Deuteromycetes)
- ANODA:**
Puccinia heterospora (Promycetes)
- ANTHRISCUS:**
Septoria anthrisci (Deuteromycetes)
- ARISTIDA:**
Sorosporium consanguineum (Promycetes)
- ASPARAGUS:**
Puccinia asparagi (Promycetes)
- AVENA:**
Helminthosporium avenae (Deuteromycetes)
- AXONOPUS:**
Phoma insidiosa (Deuteromycetes)
- AZALEA:**
Erobasiidum vaccinii (Basidiomycetes)
- BATEMANNIA**—See Orchidaceae
- CAMELLIA:**
Sporonema camelliae (Deuteromycetes)
- CAPSICUM:**
Alternaria fasciculata (Deuteromycetes)
Helminthosporium curvulum (Deuteromycetes)
- CASTANEA:**
Phaeobulgaria inquinans (Ascomycetes)
- CATTLEYEA**—See Orchidaceae
- CELOSIA:**
Cercospora celosiae (Deuteromycetes)
- CHENOPODIUM:**
Albugo bitii (Phycomycetes)
- CICER:**
Colletotrichum cajanii (Deuteromycetes)
- CITRUS AURANTIFOLIA:**
Pacterium citri (Schizomycetes)
- CITRUS LIMON:**
Alternaria citri (Deuteromycetes)
Pacterium citri (Schizomycetes)
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
- CITRUS PARADISI:**
Elsinoe australis (?) (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
- CITRUS RETICULATA:**
Elsinoe australis (Ascomycetes)
- CITRUS SINENSIS:**
Pacterium citri (Schizomycetes)
Elsinoe australis (Ascomycetes)
Meliola citricola (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Tubercularia vulgaris (Deuteromycetes)
- CITRUS SP.:**
Elsinoe australis (Ascomycetes)
Meliola citricola (Ascomycetes)
- COCOS:**
Pestalozzia palmarum (Deuteromycetes)
- COLCHICUM:**
Ditylenchus dipsaci (Nematoda)
Urocystis colchici (Promycetes)
- CROCUS:**
Sclerotinia gladioli (Ascomycetes)
- CUCUMIS:**
Alternaria brassicae microspora (Deuteromycetes)
Pacterium lachrymans (Schizomycetes)
Fusarium niveum (Deuteromycetes)
Phyllosticta cucurbitacearum (?) (Deuteromycetes)
- CUPRESSUS:**
Didymium difforme (Myxomycetes)
- DAHLIA:**
Coleosporium dahliae (Promycetes)
- DIANTHUS:**
Septoria dianthi (Deuteromycetes)
- DIGITALIS:**
Phyllosticta digitalis (Deuteromycetes)
- DIGITARIA:**
Ustilago rabenhorstiana (Promycetes)
- EPIDENDRUM**—See Orchidaceae
- ERIBOTRYA:**
Fusicladium eribotryae (Deuteromycetes)
- ERYTHROXYLON:**
Phyllosticta erythroxylis (Deuteromycetes)
Uredo erythroxylonis (Promycetes)
- EUONYMUS:**
Oidium euonymi-japonici (Deuteromycetes)
- FAGUS:**
Tubercularia vulgaris (Deuteromycetes)
- GOSSYPIUM:**
Cercospora althaeina (Deuteromycetes)
Diplodia gossypina (Deuteromycetes)
- GUAIACUM:**
Polyporus pinsitus (Basidiomycetes)
- HELIANTHUS:**
Puccinia helianthi (Promycetes)
- HETEROPOGON:**
Balanis sclerotica (Ascomycetes)
Melanconium hysteriopsis (Deuteromycetes)
Pleospora andropogonis (Ascomycetes)
- HYACINTHUS:**
Ditylenchus dipsaci (Nematoda)
Sclerotinia bulborum (Ascomycetes)
- IPOMOEA:**
Diaporthe batatatis (Ascomycetes)
- JUNIPERUS:**
Lophodermium juniperinum (Ascomycetes)
- LACTUCA:**
Potylenchus robustus (Nematoda)
Septoria lactucae (Deuteromycetes)
- LYCOPERSICON:**
Pacterium punctilans (Schizomycetes)
Helminthosporium curvulum (Deuteromycetes)
Lethum australiense typicum (Virus)
Monilia silophila (Deuteromycetes)
- MALUS:**
Hormodendron olivaceum (Deuteromycetes)
Phoma mali (Deuteromycetes)
Physalospora obtusa (Ascomycetes)
- MASDEVALLIA**—See Orchidaceae
- MEDICAGO:**
Ascochyta imperfecta (Deuteromycetes)
Peronospora trifoliorum (Phycomycetes)
Pseudopeziza medicaginis (Ascomycetes)
Uromyces striatus medicaginis (Promycetes)
- MILTONIA**—See Orchidaceae
- MUSA PARADISIACA:**
Cercospora musae (Deuteromycetes)
Helminthosporium torulosum (Deuteromycetes)
Stachylium theobromae (Deuteromycetes)
- MUSA PARADISIACA SAPIENTUM:**
Cercospora musae (Deuteromycetes)
Chlamydomyces palmarum (Deuteromycetes)
Cordana musae (Deuteromycetes)
Stachylium theobromae (Deuteromycetes)
- NARCISSUS:**
Botrytis narcissicola (Deuteromycetes)
Ditylenchus dipsaci (Nematoda)
Phyllosticta narcissi (Deuteromycetes)
- ODONTOGLOSSUM**—See Orchidaceae
- ONCIDIUM**—See Orchidaceae
- ORNITHOGALUM:**
Heterosporium ornithogali (Deuteromycetes)
Puccinia ornithogali-thyrsoideis (Promycetes)
- ORYZA:**
Tilletia horrida (Promycetes)
- ORCHIDACEAE:**
Cercospora angreci (Deuteromycetes)
Cladosporium orchidearum (Deuteromycetes)
Colletotrichum miltoniae (Deuteromycetes)
Colletotrichum stanhopeae (Deuteromycetes)
Cylindrocladium scoparium (Deuteromycetes)
Dematium pullulans (Deuteromycetes)
Diplodia henricquessiana (Deuteromycetes)
Diplodia paraphysaria (Deuteromycetes)
Gloeosporium oncidii (Deuteromycetes)
Gloeosporium stanhopeae (Deuteromycetes)
Macrophoma oncidii (Deuteromycetes)
Phyllosticta stanhopeae (Deuteromycetes)
Physalospora canptospora (Ascomycetes)
Physalospora cattleyae (Ascomycetes)
Physalospora orchidearum (Ascomycetes)
Stachylium bicolor (Deuteromycetes)
Uredo behnickiana (Promycetes)
Uredo epidendri (Promycetes)
Uredo guacae (Promycetes)
Vermicularia georgiana (Deuteromycetes)
Verticilliodochium tubercularioides (Deuteromycetes)
- PALM:**
Erosorium palmivorum (Deuteromycetes)
Hormodendron cladosporioides (Deuteromycetes)

Hosts and diseases—Continued

PANICUM:

- Cerebella andropogonis* (Deuteromycetes)
Fusarium heterosporum (Deuteromycetes)

PASPALUM:

- Cerebella andropogonis* (Deuteromycetes)
Clariceps paspali (Ascomycetes)
Fusarium heterosporum (Deuteromycetes)
Phoma insidiosa (Deuteromycetes)
Tilletia ruioispora (Promycetes)

PASTINACA:

- Aphelenchoides limberi* (Nematoda)
Phoma nebulosa (Deuteromycetes)

PELARGONIUM:

- Gloeosporium pelargonii* (Deuteromycetes)

PERSEA:

- Asterina delitescens* (Ascomycetes)
Botryosphaeria ribis (Ascomycetes)
Phyllachora gratissima (Ascomycetes)

PINUS:

- Cronartium conigenum* (Promycetes)

PISUM:

- Peronospora pisi* (Phycomycetes)

POPULUS:

- Marsonia brunnea* (Deuteromycetes)
Melampsora medusae (Promycetes)
Septoria musiva (Deuteromycetes)

PUERARIA:

- Tritirachium dependens* (Deuteromycetes)

QUERCUS:

- Diplodia suberina* (Deuteromycetes)
Hypoderma ilicinum (Ascomycetes)

RHODODENDRON:

- Cercospora rhododendri* (Deuteromycetes)
Chrysomyxa rhododendri (Promycetes)
Coryneum rhododendri (Deuteromycetes)
Discosia artoceas (Deuteromycetes)
Gloeosporium rhododendri (Deuteromycetes)

RHODODENDRON—Continued.

- Phyllosticta maxima* (Deuteromycetes)
Venturia rhododendri (Ascomycetes)

RICINUS:

- Cercospora ricinella* (Deuteromycetes)

SALIX:

- Cytospora ambiens* (Deuteromycetes)

SALVIA:

- Puccinia nevadensis* (Promycetes)

SOBRALIA—See Orchidaceae

SOLANUM TUBEROSUM:

- Diploscapter coronata* (Nematoda)

SORGHUM VULGARE CAFFRORUM:

- Phoma insidiosa* (Deuteromycetes)

SORGHUM VULGARE TECHNICUM:

- Sphacelotheca cruenta* (Promycetes)
Sphacelotheca sorghicola (Promycetes)

SPINACIA:

- Puccinia aristidae* (Promycetes)

STANTHOPEA—See Orchidaceae

TAGETES:

- Puccinia tagetica* (Promycetes)

TRITICUM:

- Tilletia foetens* (Promycetes)
Tilletia tritici (Promycetes)

ULMUS:

- Ceratostomella ulmi* (Ascomycetes)
Cytospora ambiens (Deuteromycetes)
Pestotlozzia monochaeta (Deuteromycetes)

VANDA—See Orchidaceae

VIOLA:

- Alternaria tenuis* (Deuteromycetes)

WATSONIA:

- Penicillium gladioli* (Deuteromycetes)

ZANTEDESCHIA:

- Cercospora richardiae* (Deuteromycetes)

Country of origin and diseases

AMERICAN VIRGIN ISLANDS:

- Cercospora musae*

ARGENTINA:

- Diploscapter coronata*
Elsinoe australis
Exosporium palmivorum
Pseudopeziza medicaginis
Septoria citri
Sphacelotheca sorghicola
Uromyces striatus medicaginis

AUSTRALIA:

- Cerebella andropogonis*
Fusarium heterosporum
Phoma citricarpa
Phoma insidiosa
Phoma nebulosa
Physalospora obtusa

BERMUDA:

- Gloeosporium pelargonii*
Phyllosticta narcissi

BRAZIL:

- Alternaria fasciculata*
Diaporthe batatas
Elsinoe australis
Septoria dianthi
Uredo behnickiana

CANADA:

- Botrytis narcissicola*
Cercospora rhododendri
Coryneum rhododendri
Helminthosporium avenae
Phyllosticta maxima
Venturia rhododendri

CANAL ZONE:

- Diplodia henriquesiana*

CEYLON:

- Bacterium citri*

CHILE:

- Alternaria brassicae microspora*
Botrytis squamosa
Diaporthe batatas
Hormodendron olivaceum
Melampsora medusae

CHINA:

- Tritirachium dependens*

COLOMBIA:

- Cylindrocladum scoparium*
Dematium pullulans
Didymium difforme
Diplodia paraphysaria
Physalospora orchidearum

COSTA RICA:

- Cercospora musae*
Clariceps paspali
Colletotrichum miltoniae
Gloeosporium oncidii
Gloeosporium stanhopeae
Hypoderma ilicinum
Uredo behnickiana
Uredo guacae
Vermicularia geayana
Verticilliodochium tubercularioides

CUBA:

- Cercospora musae*
Clariceps paspali
Helminthosporium curvulum
Helminthosporium torulosum
Hormodendron cladosporioides
Stachylium theobromae
Uredo epidendri

DOMINICAN REPUBLIC

- Cercospora musae*
Meliola citricola
Stachylium theobromae

ECUADOR:

- Stachylium theobromae*

ENGLAND

- Alternaria tenuis*
Aphelenchoides limberi
Botrytis narcissicola
Ceratostomella ulmi
Cercospora angreii
Chrysomyxa rhododendri
Cladosporium orchidearum
Colletotrichum miltoniae
Cytospora ambiens
Discosia artoceas
Ditylenchus dipsaci
Gloeosporium rhododendri
Leptothyrium acerinum

Country of origin and diseases—Continued

ENGLAND—Continued.

Pestalozzia monochoeta
Phaeoebulgaria inquilans
Phylospora cattleyae
Sclerotinia bulborum
Sclerotinia gladioli
Sporonema camelliae
Stachylidium bicolor
Tuberularia vulgaris
Urocystis colchici

GUATEMALA:

Cercospora musae
Cercospora richardiaeicola
Macrophoma oncidii
Polyporus pinsitus
Stachylidium theobromae
Uredo behnickiana

HAITI:

Cercospora musae
Phoma insidiosa
Stachylidium theobromae

HAWAII:

Gloeosporium aleuriticum

HONDURAS:

Cercospora musae

Stachylidium theobromae

HUNGARY:

Lophodermium juniperinum

INDIA:

Fusarium heterosporum

Tilletia horrida

IRAN:

Tilletia foetens

IRELAND:

Botrytis narcissicola

JAMAICA:

Cercospora musae

Meliola citricola

JAPAN:

Erobisidium vaccinii

Heterosporium ornithogali

JAVA:

Bacterium citri

MEXICO:

Albugo bliti

Asterina delitescens

Bacterium lachrymans

Bacterium punctilans

Botryosphaeria ribis

Cercospora althaeina

Cercospora angreci

Cercospora celosiae

Cercospora musae

Cercospora richardiaeicola

Cercospora ricinella

Claviceps paspali

Coleosporium dahliae

Colletotrichum stanhopeae

Cronartium conigenum

Diplodia gossypina

Fusarium heterosporum

Fusarium nivium

Lethum australiense typicum

Marsonia brunnea

Melampsora medusae

Monilia sitophila

Oidium euonymi-japonici

Peronospora pisi

Peronospora trifoliorum

Phoma mali

Phyllachora gratissima

Phyllosticta cucurbitacearum (?)

Phyllosticta digitalis

Physalospora camptospora

MEXICO—Continued.

Puccinia aristidae
Puccinia asparagi
*Puccinia helianthi*¹
Puccinia heterospora
Puccinia tagetica
Septoria lactucae
Septoria musiva
Sphaeclotheca cruenta
Tilletia rugispora
Tilletia tritici
Tuberularia vulgaris
Uromyces striatus medicaginis
Vernicularia gayana

NEW ZEALAND:

Ascochyta imperfecta

PANAMA:

Cercospora musae
Chlamydomyces palmarum
Cordana musae

PERU:

Phyllosticta erythroyli
Phyllosticta stanhopeae
Uredo erythroylonis
Uromyces striatus medicaginis

PHILIPPINES:

Bacterium citri

PORTUGAL:

Diplodia suberina
Fusicladium eriobotryae
Peronospora pisi
Puccinia nevadensis
Septoria anthrisci

PUERTO RICO:

Cercospora musae

Colletotrichum canja

RHODESIA:

Cerebella andropogonis

Fusarium heterosporum

SALVADOR:

Uredo quacae

SPAIN:

Oidium euonymi-japonici

Puccinia neradensis

STRAITS SETTLEMENTS:

Balanisia sclerotica
Melanconium hysteriopsis
Pleospora andropogonis

TANGANYIKA:

Pestalozzia palmarum

THAILAND:

Diplodia paraphysaria

TRANSVAAL:

Phoma citricarpa

TRINIDAD:

Rotylenchus robustus

UNION OF SOUTH AFRICA:

Alternaria citri
Claviceps paspali
Fusarium heterosporum
Heterosporium ornithogali
Penicillium gladioli
Phoma citricarpa
Physalospora obtusa
Puccinia ornithogali-thyrsoidea
Sorosporium consanguineum

UNKNOWN:

Bacterium citri

URUGUAY:

Ustilago rabenhorstiana

VENEZUELA:

Cercospora musae
Dematium pullulans
Diplodia paraphysaria

